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Flower Seeds, Bulbs and Plants

SPECIAL CASH DISCOUNT 5 PER CENT on orders over \$2.00 for Flower Seeds, if the cash is enclosed.

This List Cancels All Previous Offers



ANTIRRHINUM Ceylon Court Yellow

NOTICE—We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions we make this sale, at the moderate prices at which we sell our goods.

VAUGHAN'S SEED STORE, (Inc.)

“SNAPS” for Greenhouse Forcing

SPECIAL OFFER—WHERE PRICE IS:

\$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50
 1.50 per pkt., we supply any 3 for 4.00; any 5 for 6.50
 2.00 per pkt., we supply any 3 for 5.00; any 5 for 7.50

Tr. Pkt.

- *Afterglow, Golden bronze.....\$1.00
 - Alice Sunshine, New brilliant yellow..... 1.50
 - Allman's Pink, Extra long rich, silvery rose-pink..... 1.50
 - Bertha Baur, Charming lavender or orchid shade. The flowers do not shatter..... 2.00
 - Coates' Yellow Perfection. Finest deep yellow..... 1.50
 - *Ceylon Court, Canary yellow, our introduction..... 1.00
 - *Ceylon Court, Dark Selection..... 1.00
 - *Cheviot Maid. The Original Strain. Early rose pink..... 1.00
 - *Cheviot Maid Supreme. Darker than the former..... 1.00
 - *Cheviot Maid, Yoder Strain. A shade lighter than the original stock. Extra true, fine stem..... 1.00
 - Cincinnati (Witterstaetter). A most attractive fragrant light rose-pink, good growth, long stemmed and flowers well placed on stems.. 1.50
 - Happiness, Pure pink. For Spring blooming..... 1.00
 - *Jennie Schneider, Beautiful pink..... 1.00
 - Kirkwood Beauty. Awarded Certificate of Merit at National Flower Show at St. Louis, 1933. Bronze with a cast of gold—a striking color under natural or artificial light. Small foliage; long flower spike, on stiff, straight stem. Good keeper on plant or when cut. Never sheds its flowers. Blooms from November until spring..... 2.00
 - *Lucky Strike. Best pure white, grows three to four feet with splendid full spike of flowers, does not drop or shatter..... 1.50
 - Nicholson Yellow. A striking new bright yellow. 4 Trade Pkts. for \$5.00..... 1.50
 - Orlando. Bronze..... 1.00
 - Roman Gold. A deep golden-yellow with the lip a lighter yellow suffused with pink, the tips having a beautiful pink-copper hue... 1.00
 - *Rose Queen (Witterstaetter). Long stemmed, extra deep rose-pink.. 1.00
 - Sonny. A very pleasing shade of light pink..... 1.50
 - Sunburst Improved. Color of sunburst rose..... 1.00
 - Suntan. Rose shade of tan with tinge of yellow on lip..... 1.00
 - Terry's Surprise. Very fine attractive pink and bronze shades..... 1.00
 - Velvet Beauty. Rich American Beauty red in color, exceptionally stout stem and dark green foliage. It is healthy and vigorous and a very good grower. Can be had in full bloom for the holidays when its rich velvety red color is appreciated..... 1.50
 - *White Prosperity. A pure white. Grows on long stems, with excellent length of spike. Sow seed June 15 to July 1. Will start to bloom in October; flowers in the darkest winter days..... 2.00
 - *White Rock. A new and extra early-blooming pure white. 3 Tr. Pkts. for \$1.25..... .50
 - *Winter Helen. Lovely salmon-pink, early and winter bloomer..... 1.50
 - Greenhouse Varieties Mixed..... 1.00
- *These varieties are best for early winter flowering.

Asparagus

- Plumosus Nanus. Carefully harvested, hand-picked, plump, well-matured seed of this variety is a specialty with us. 100 seeds, 25c; 250 seeds, 40c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.00; oz., 80c; lb., \$10.00. Write for prices on larger lots.
- Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets. 100 seeds, \$1.00; 1,000 seeds, \$8.00.
- Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.
- Scandens Deflexus. 100 seeds, \$1.60; 1,000 seeds, \$14.00.

10-12 West Randolph St.
 601-609 W. Jackson Blvd. } CHICAGO
 Phone—Monroe 0312

Vaughan's Seed Store

NEW YORK
 47-49 Barclay Street



BEGONIA Christmas Cheer

Begonia

- Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet. . . . 1/32 oz., \$2.20 Trade pkt. Oz. \$1.00
- Christmas Pink. The growth, blossoms and foliage are identical to above variety only the color is a delightful shade of warm rose-pink. . . . 1.00
- Gracilis Luminosa. Deep dark scarlet, foliage reddish brown, 10 in. . . . 1/32 oz., \$1.80; 1/8 oz., \$5.40 1.00 \$35.00
- Carmen. Bright rose flowers, bronze foliage. . . . 1/64 oz., \$2.00 1.00
- Dwarf Luminosa. Extra dwarf, scarlet. . . . 1/64 oz., \$1.80 1.00
- Enchantress. Fresh rose color, better than Prima Donna. . . . 1/64 oz., \$2.00 .50
- Fireball. Fiery crimson, 10 in. . . . 1/32 oz., 1.80 .50
- Mignon. Semi-dwarf, brilliant salmon-scarlet, 10 in. . . . 1/32 oz., \$1.60 .50
- Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in. . . . 1/32 oz., \$3.00 1.00
- Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet. . . . 1/32 oz., \$3.00 1.00
- White Pearl. White, 10 in. . . . 1/32 oz., 1.60 .50
- Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in. . . . 1/32 oz., \$1.00 .50
- Erfordia. Rosy carmine, 10 in. . . . 1/32 oz., 1.40 .50
- Fire Sea (Blaze of Fire). Red flowers, green foliage. . . . 1/32 oz., \$2.00 1.00
- Flame of Love. Large scarlet flowers, bright green, brown-tinted foliage, 10 in. . . . 1/32 oz., \$2.00 1.00
- G. Knaacke. Glowing salmony pink resembling Meloir. . . . 1/32 oz., \$1.60 .50
- Glory of Erfurt. Large carmine flowers. 1/32 oz., 2.00 .50
- Gruppen Konigin. Large soft pink flowers. . . . 1/32 oz., \$1.60 .50
- Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in. . . . 1/32 oz., \$1.70 .50
- Striegau. New dwarf compact plant with large fiery carmine flowers. . . . 1.00
- Winter Romance. Carmine pink flowers, light green foliage. An outstanding variety. . . . 1.00
- Wuerttembergia. Deep scarlet. . . . 1/32 oz. 65c .25
- Tuberous-Rooted. Single mixed 12-in. 1/32 oz., \$2.00 .50
- Crispa, mixture of frilled sorts. . . . 1/32 oz., \$2.40 1.00
- Narcissus-Flowered. . . . 1.00
- Lloydi (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets 1.00
- Double. Mixed. . . . 1/64 oz., \$4.00 1.00
- Rex Hybrids. Ornamental leaves. . . . 500 seeds, \$1.20; 1,000 seeds, \$2.20

ALOE

VARIEGATA

or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity and fetch good prices. Order at once for early sowing!

100 seeds \$1.25;
1000 seeds,
\$10.00.



Candytuft

	Trade	pkt.	Oz.
Giant Hyacinth-Flowered. Extra Selected large pure white flowers. lb., \$8.00	\$0.20		\$0.80
Empress. Large white. lb., 2.40	.10		.25
Umbellata. Lilacina. Lilac. Select. lb., 3.60	.15		.50
Carminea. Carmine. lb., 3.40	.15		.50
Flesh. lb., 3.60	.15		.50
Purpurea. Crimson. lb., 3.60	.15		.50
Rose Pink (Rose Cardinal). lb., 4.80	.15		.50
White. lb., 3.60	.15		.40

Centaurea Cyanus (Corn Flower)

Double Blue. Extra fine. lb., \$4.00	.10	.40
Carmine. lb., 4.00	.10	.40
Mauve. lb., 4.00	.10	.40
Pink. lb., 4.00	.10	.40
Pure White. lb., 4.00	.10	.40
Purple (Plum color). lb., 4.00	.10	.40
Ruby. Rich deep ruby. lb., 4.00	.10	.40

Chinese Forget-Me-Not

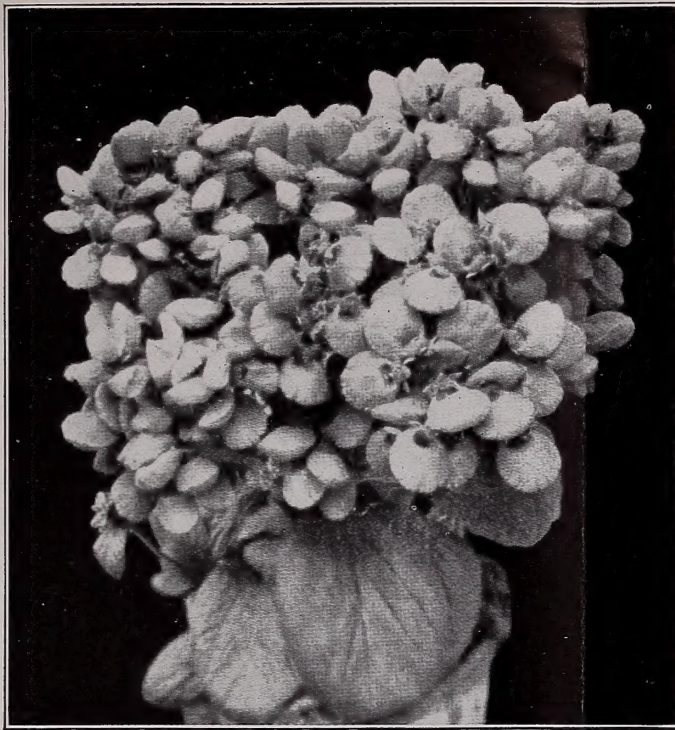
- Cynoglossum Amabile. A lovely plant 18 to 24 inches tall, with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut flower.10 .30
- Amabile Pink.20 1.00

Clarkia Elegans Fl. Pl.

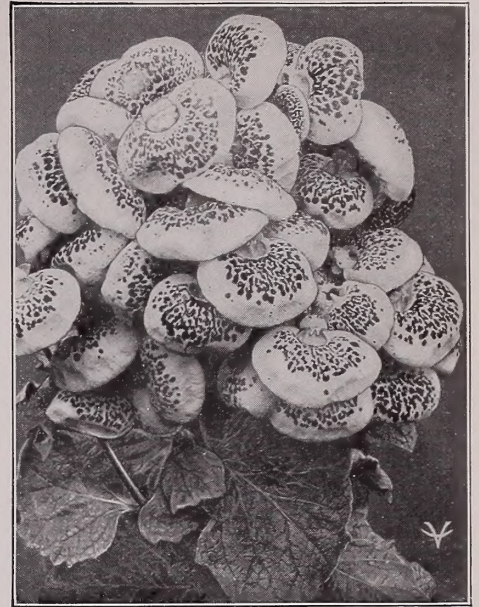
Double Albatross. Pure white. . . . .	.20	1.00
Appleblossom. . . . .	.15	.50
Chamois. . . . .	.15	.60
Enchantress. Salmon. . . . .	.15	.80
Scarlet Queen. Brilliant scarlet. . . . .	.15	.60
Brilliant. Carmine. . . . .	.15	.50
Salmon Queen. Salmon. lb., \$6.00	.15	.60
Orange King. . . . .	.15	.60
Purple Prince. . . . .	.15	.60
Queen Mary. Rose carmine. . . . .	.15	.60
Salmonea Perfecta. True salmon, extra double. . . . .	.20	1.00
Vesuvius. Orange, scarlet. . . . .	.15	.60
White Prince. . . . .	.15	.60
Vaughan's Special Mixture. . . . .	.15	.60

Clarkia should have no more soil than is needed to give proper depth in the flat, less than 3 inches. They can also be grown in 2 1/4 inch pots. They require warm conditions. In a cool house they stand still until temperature warms up.

- DRACAENA (Cordylina) Indivisa. Narrow green-leaved. lb., \$4.00 Trade pkt. Oz. \$0.10 \$0.40
- Australis.15 .80
- EXACUM Affine. Very dwarf, fragrant, light blue flowers, excellent pot plant. 1,000 seeds \$1.00



CALCEOLARIA Feltham Glory



CALCEOLARIA Hybrid Grandiflora Mixed

Hybrid Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigers, marbled, spotted and variegated varieties. A mixture of two superior English and German strains. Price, trade pkt. (about 1,000 seeds), \$1.00; 1/32 oz., \$3.40; 1/64 oz., \$1.80.

Vaughan's Calceolarias

These Make Wonderful Plants for Easter or Mother's Day

- Hybrid Grandiflora Graciosa. A type with very large self colored flowers in many colors, especially in the yellow shades, 15 inches 1/64 oz., \$2.00 Pkt. \$0.75
- Kelways Perfect Model, (Herbaceous). Originator's stock..... 1/32 oz., \$3.80 1.00
- 1/64 oz. \$2.00
- New Color Giants. A new type Giant Flowering Calceolaria, flowers measuring 2 1/2 to 4 in. across, in all colors from fiery red, orange to pure white. 1.00
- Feltham Glory. The result of a cross between Albert Kent and C. Banksii, this attractive hybrid has the fairly dwarf compact habit and large flowers of the former with the perennial nature and variation in color of the latter. The range of color of the numerous flowers includes scarlet, orange, buff, rich brown and golden yellow in self, blotched and spotted forms. 1.00
- Grandiflora. Nana Tigrina. Tigered and self-colored. Mixed, 10 inches, .. Pkt. 1/64 oz. \$2.65 \$1.00
- Multiflora Nana. Modern fashion often prefers small and richly flowering plants to those with larger blooms. The average size of the blooms is only 1 1/2 inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. The yellow shades, lemon, gold, orange, are adorned with fine brown spots; the brown, orange copper, copper brown, copper scarlet, crimson, scarlet are very striking. Makes an ideal market plant..... 1.00
- Albert Kent's Hybrids. A very lovely variety for greenhouse culture. The flowers are intermediate in size and produced in large graceful clusters. 1/64 oz. \$3.00 1.00
- Profusa Hybrid. A new type, a cross between C. Profusa and Hybrid Grandiflora, which bears the same relation to the large flowering Calceolaria as the Star Cineraria to the large flowering Cineraria. The flowers are light and graceful in habit, are very lasting and range from yellow to reddish bronze. 2 to 3 feet..... 1/64 oz. \$3.50 1.00

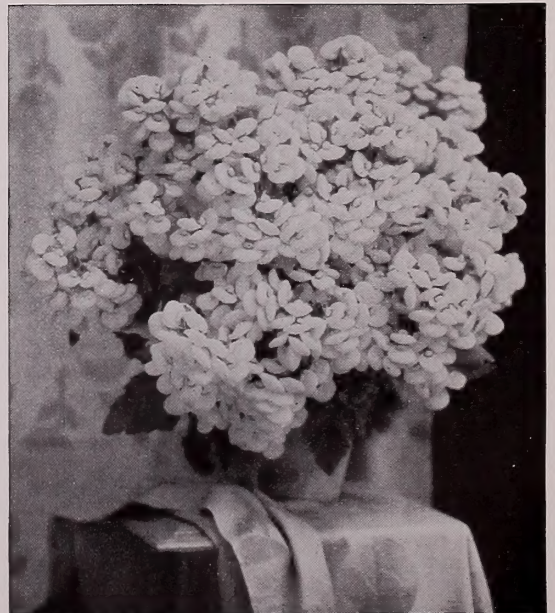
Trade Pkt.

- Rugosa Aurea, Golden Rain..... \$1.00
- Rugosa Hybrid, Scarlet..... 1.00
- Rugosa Hybrid, Orange..... 1.00
- Rugosa Hybrid, Crimson..... 1.00
- Rugosa Major, mixed, 12 inches..... 1.00

The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrid, are produced in clusters and keep well in water after cutting.

"Flower Cloud". This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria (see cut opposite), in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship. Tr. Pkt. \$1.00; 3 for \$2.70.

FOR CALCEOLARIAS, use a mixture of loam, leaf-mold and sharp sand. This mixture is suitable both for the seed pans and the pots into which the seedlings, when ready, should be planted. Perfect drainage is important. Calceolaria seed being very fine the seeding should be done with great care and it is suggested that one use a sheet of white paper on which a tablespoon of white sand is distributed. Then shake the seed on top of this sand and mix thoroughly. Then, sprinkle this mixture on the soil of the seed pan, dusting surface with a little fine sand, cover with a sheet of glass and place in the shade. For moisture, immerse the pans in water. As the seedlings come up lift them carefully when quite small and prick them off into a flat allowing two inches square for each plant. It is important that the leaves of one plant should never be allowed to overlap those of another or decay will probably result. When established in pots shift them into the larger size. At the last shift give them some manure water, not too strong, about once a week.



CALCEOLARIA Flower Cloud

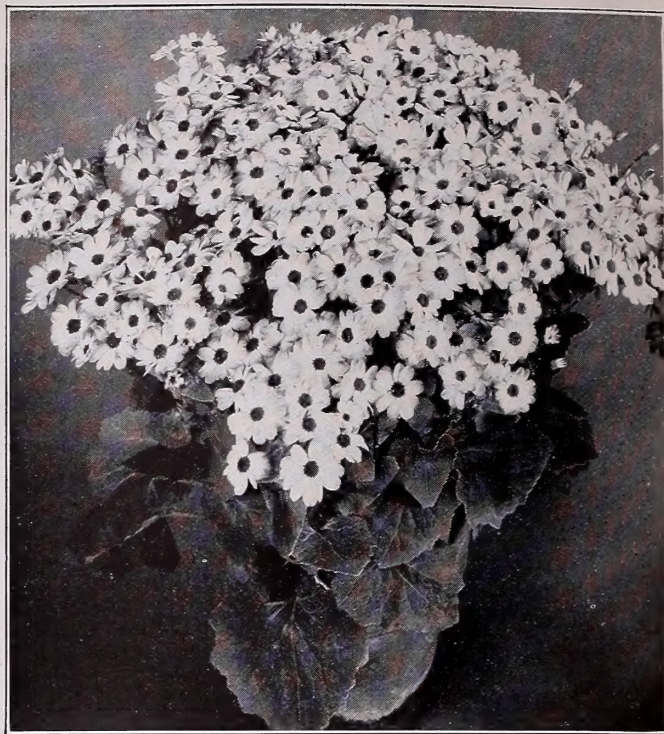


TYPE OF VAUGHAN'S COLUMBIAN CINERARIA

Cineraria Hybrida

Trade pkt. Oz.

- Vaughan's Columbian Mixture.** It consists of a mixture made up by ourselves of the choicest large flowering strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. $\frac{1}{64}$ oz., \$1.80; $\frac{1}{32}$ oz., \$3.00; $\frac{1}{16}$ oz., \$5.50.....about 1000 seeds 1.00
- Howard and Smith's Strain.** A very fine selection from a California specialist. Seed from the originator..... $\frac{1}{32}$ oz., \$3.00 1.00
- Large-Flowering, Alba.**..... 500 seeds .50
- Azure Blue..... 500 seeds .50
- Crimson..... 500 seeds .50
- Dark Blue..... 500 seeds .50
- Old Rose. Pink to rich coppery-red..... 500 seeds .50
- Matador. Deep copper scarlet..... 500 seeds .50
- James' Giant.** A well-known English strain..... 1,000 seeds 1.00
- Grandiflora Semi-Dwarf.** Mixed..... $\frac{1}{32}$ oz., \$2.00; 1,000 seeds .50
- Grandiflora Nana Maxima.** Mixed..... $\frac{1}{32}$ oz., \$1.80 .50
- Gigantea.** Dark red, with white eye..... $\frac{1}{64}$ oz., 2.00 1.00
- Dark blue with white eye..... $\frac{1}{64}$ oz., \$2.00; 1,000 seeds 1.00
- Cremer's Prize.** The petals in most of the blooms of this strain are wide, numerous and overlap well to form attractive heads. The plants can be finished in smaller pots, too, making shapely specimens covered with masses of blooms..... 3 tr. pkt., for \$4.00 1.50
- Hybrida Multiflora Nana.** Produces dwarf plants with masses of small flowers, measuring about $\frac{3}{4}$ in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored.
- Azure Blue Dark Rose Light Rose
- Dark Blue Lilac White and Cream
- Dark Red
- Each of the above..... 1.00
- Multiflora Nana. Mixed, all colors..... $\frac{1}{32}$ oz., \$2.00 1.00
- Multiflora Nana Maxima Mixed..... $\frac{1}{32}$ oz., 2.20 1.00
- Potsdam Strain.** (Berlin Market). An improvement on the Multiflora Nana Strain..... $\frac{1}{32}$ oz., \$2.80; $\frac{1}{64}$ oz., \$1.60 1.00
- Crimson Dark Blue Rose
- Each of above..... 1.00
- Covent Garden Strain.** The flowers of this new strain are much smaller than those of our Columbian Mixture, but the plants produce a large head of bloom when grown in small pots..... $\frac{1}{32}$ oz., \$2.20 1.00



CINERARIA Cremer's Prize Mixture

CINERARIA—Continued

Trade pkt. Oz.

- Weissenseer.** Flowers larger and plants somewhat taller than Multiflora Nana Grandiflora with a wonderful color range..... \$1.00
- Eriksson's Private Stock Mixed.** A selection made by Ernst Eriksson, along the lines if aiming to improve existing colors and shades as well as to eliminate the so-called "Cabbage Foliage." Medium tall growing. Well and favorably known in Chicago area. About 500 seeds..... 1.00
- Plenissima.** Double mixed..... 1,000 seeds .75
- Star Cineraria (Cineraria Hybrida Polyantha).** Fine, small-flowering varieties, for cutting and decorative purposes. Plants grow 3 ft. high..... $\frac{1}{16}$ oz., \$1.00 .50
- Feltham Beauty.** Somewhat dwarfer than above, but with larger flowers and broader petals; nearly all have white centers..... $\frac{1}{32}$ oz., \$1.80; 1,000 seeds .50
- Polyantha.** Stellata Blue. Rich, dark blue, 2 ft. $\frac{1}{32}$ oz., \$2.00; $\frac{1}{64}$ oz., \$1.20; 1,000 seeds .50
- Polyantha Salmon Pink,** a fine new shade..... $\frac{1}{32}$ oz., \$1.20 .50

Calendula

- Sensation.** Long stems very double brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape..... $\frac{1}{4}$ oz., 60c; 4 oz. for \$7.00 .35 \$2.00
- Ball Apricot**..... $\frac{1}{4}$ oz., 75c .50 2.50
- Ball Orange.** 2 oz., \$4.00; lb., \$25.00; $\frac{1}{4}$ oz., 75c .50 2.50
- Ball Masterpiece.** Extra long-stemmed deep orange with brown center..... $\frac{1}{4}$ oz., 75c; 2 oz., \$4.00 .50 2.50
- Ball Supreme.** Light orange with brown eye..... .50 2.50
- Ball Gold.**lb., \$25.00; $\frac{1}{4}$ oz., 75c .50 2.50
- Ball Lemon Queen**..... $\frac{1}{4}$ oz., 75c; 2 oz., \$4.00 .50 2.50
- Ball White.** Creamy white color with dark center..... $\frac{1}{4}$ oz., 75c .50 2.50
- Ball Varieties.** Mixed..... $\frac{1}{4}$ oz., 60c .40 1.75
- Radio.** An English introduction. The flowers are medium size, good depth and clear orange in color. The petals are beautifully quilled.....lb., \$4.00 .15 .40
- Radio Golden Beam.** Same as above only color is light yellow..... $\frac{1}{4}$ oz., 50c; lb., \$12.00 .35 1.40
- Sunshine or Chrysantha.** Petals long, broad and drooping, giving the flower a globular form. Buttercup yellow..... $\frac{1}{2}$ oz., 40c; lb., \$8.50 .25 .75
- Orange King.** Select stock. Dark center.....lb., \$5.00 .15 .50
- Sulphurea Plena.** Select double sulphur-yellow.....lb., \$5.00 .15 .50



CYCLAMEN PERSICUM GIGANTEUM BINNEWIES STRAIN

Cyclamen

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate. In lots of 5,000 of a variety 10% off the rate for 1,000 seeds.

Persicum Giganteum

Binnewies—German Strain

	100 Seeds	1,000 Seeds
Dark Blood Red	\$1.20	\$10.00
Bright Red	1.20	10.00
Pure Rose	1.20	10.00
Soft Rose with carmine eye (Impr. Rose of Marienthal)	1.20	10.00
White with carmine eye	1.20	10.00
Pure White	1.20	10.00
Bonfire. Brilliant salmon	1.80	16.00
Salmon Scarlet (America Improved)	2.00	16.00
New Salmon Rose Improved	1.60	12.00
Salmon, Dark (Glory of Wandsbek or Perle of Zehlendorf)	1.60	12.00
Salmon, Light (Rose of Zehlendorf)	1.60	12.00
Orange Beauty. Orange vermilion, new	1.80	16.00
Pink Pearl	1.80	16.00
Rococo Erecta, Mixed. Large fringed flowers	1.60	14.00
Saffron. Red	1.40	11.00
Saffron. Red, silver edged	1.40	11.00
Mozart. Deep pink	2.00	18.00
Lavender	1.20	10.00
Binneweis Strain Mixed	1.60	12.00

Giant English Type

- Cherry Ripe.** Nearly scarlet. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
- Mrs. L. M. Graves.** The color is an intense and brilliant salmon-scarlet. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
- Crimson Saint George.** Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
- Duke of Fife.** Dark rose. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
- Prices**—any of the following—100 seeds, \$1.20; 1,000 seeds, \$10.00.
- Brilliant Giganteum.** Very robust grower. Fiery crimson flowers.
- Queen Mary.** Salmon with claret base.
- Rosy Morn.** Delicate rose color, claret base.
- Grandiflorum Album.** The largest giant white.
- Excelsior.** White with red base. Extra large flowers.
- Salmon King.** Salmon.
- Saint George.** Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color.
- English Type, Mixed.** From separate sorts. 100 seeds, \$1.20; 1,000 seeds, \$10.00.

“Marigold Alldouble Orange and Alldouble Lemon seed sown August 21 and grown on cool, produced wonderful plants which were in full flower four months later, in time for Christmas Display in Garfield Park Conservatory.”—August Koch, Chief Horticulturist.
Each, Trade pkt., 30c; 1/4 oz., 50c; oz., \$1.40.



NEW DOUBLE CYCLAMEN

New Double Cyclamen from Seed

To those who are not familiar with this Cyclamen, it is a full double petaled flowering strain, the individual flowers averaging 10 petals. A plant in full bloom gives the effect of having about twice as many blooms as the average Cyclamen. It is a real mass of bloom and is also pleasingly fragrant. This strain comes 80% true from seed and we are offering a limited quantity of the following three varieties this year at \$3.00 per 100 seeds; \$25.00 per 1000 seeds.

Prosperity—Described by many as an azalea type, a flaming rose with a distinct clear color, extra fine and a heavy bloomer.

Admiration—So called from its many admirers. A beautiful salmon rose with shaded eye, a very bright shade and a good seller.

Rosea—A soft rose with a coral cast shading lighter at petal tips, a very pleasing shade, the true multiflora type, producing a better percentage of blooms than the above two types but not quite as large.

	Trade Pk.	Oz.
GESNERIA Robusta Perfecta Hybrids. A fine pot plant. It belongs to same class as the Gloxinias and needs same culture in greenhouse.	\$1.00	.....
GREVILLEA Robusta. Silk Oak. Good for fern dishes	lb., \$6.00	.20 \$0.80
GYPSOPHILA Elegans. Crimson. New	lb., \$2.40	.10 .25
Grandiflora Alba. Covent Garden Market Strain. Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal stock.	1/4 lb., 50c; 5 lbs., \$7.00	.20 1.60
Carminea. Carmine, better than Rosea	lb., \$2.40	.10 .20

Kalanchoe

Globulifera Var. Coccinea.

The New Winter-Flowering Pot Plant. We highly recommend this novelty from Madagascar as a very floriferous and attractive pot plant.

In form they are similar to the well known Bouvardia flower, but the color is a very bright scarlet. That the flowers do not fade is of great advantage to the sale of plants and, last but not least, they develop their flowers in the wintertime when such a rich coloring is in demand. Complete culture instruction with seeds. 1,000 Seeds, \$1.00; 1/128 oz., \$5.00.



KALANCHOE Globulifera Var. Coccinea



GLOXINIA Type of Vaughan's Columbian Mixture

Gloxinia Hybrida

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), \$1.00; 1/32 oz., \$2.50.

	Trade pkt.	Oz.
Spotted and stained. Choice mixed. 1/32 oz., \$2.00	\$1.00	.....
Emperor Frederick. Scarlet, white margin.	1/64 oz., \$1.50	1.00
Emperor William. Dark blue, bordered white.	1/64 oz., \$1.50	1.00
Othello. Purple.	1/64 oz., \$1.50	1.00
Scarlet Queen. Deep scarlet.	1/64 oz., \$2.50	1.00
Snow Queen.	1/64 oz., \$1.50	1.00
Waterloo. Black red, passing to deep carmine.	1/64 oz., \$1.50	1.00
Regina, Sinningia Imperialis.	1/64 oz., \$1.50	1.00
Gigantea Mixed.	1/64 oz., \$1.40	1.00
Grandiflora Mixed.	1/32 oz., \$1.80	.50

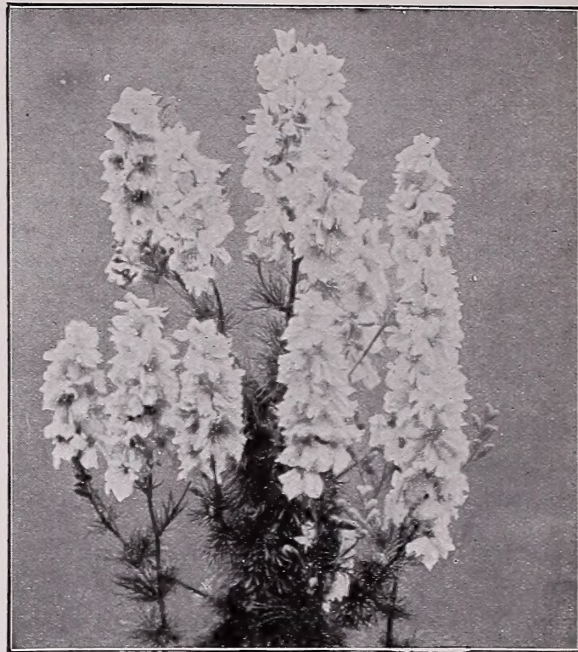
Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to allow "mums" or sweet peas as a "catch crop."

	Trade pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue, 24 in. lb., \$3.00	\$0.10	\$0.30
Light Blue. Cambridge-Blue. lb., 3.00	.10	.30
Roseus. lb., 3.00	.10	.30
Albus. lb., 3.00	.10	.30
Giants or King Lupinus. This improved new giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.		
King Blue. 1/4 oz., 50c	.25	1.60
King White. 1/4 oz., 50c	.25	1.60
King Mixed. ....	.15	.75
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market, 28 in. lb., \$4.00	.10	.40

Mignonette

The Ball. The flower spikes are especially heavy and lighter in color than other varieties. 1/4 oz., \$1.80	1.00	6.00
True Machet. Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with thick, stout flower stalks. 1/4 oz., 25c	.15	.60
Giant Rocket. ....	.15	.60
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Greenhouse grown seed. 1/4 oz., \$1.80	1.00	6.00



ANNUAL LARKSPUR Stock Flowered

Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of stock make this one of the best catch crops a florist can plant.

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready.

	Trade pkt.	Oz.
Giant Imperial. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting;		
Blue Bell. Fine medium blue, deeper than sky blue, yet much lighter than lilac. lb., \$15.00	\$0.25	\$1.25
Blue Spire. Dark blue. lb., 12.00	.25	1.00
Carmine King. lb., 12.00	.25	1.00
Daintiness. Delicate lavender. lb., 12.00	.25	1.00
Exquisite Pink Improved. Salmon-pink. lb., 10.00	.25	.80
Exquisite Rose. lb., 10.00	.25	.80
Gloria. Deep rose. lb., 12.00	.25	1.00
Lilac Spire. Beautiful lilac color. lb., 12.00	.25	1.20
Los Angeles. Salmon scarlet. lb., 10.00	.20	.80
Miss California. Deep pink on salmon. lb., 12.00	.25	1.00
Peachblossom. lb., 12.00	.25	1.00
White Spire. Pure white flowers. lb., 12.00	.25	1.20
Mixed. lb., 8.00	.20	.80

Stock-Flowered, Newport Pink, 45 in. lb., 5.00	.15	.50
Dark Blue. lb., 5.00	.15	.50
Delicate Lavender. lb., 5.00	.15	.50
Empress Rose. Hermosa pink. lb., 6.00	.20	.60
Lilac. lb., 5.00	.15	.50
La France. Salmon pink. lb., 5.00	.15	.50
Rosamond. Pure rose which does not fade. The Gold Medal variety. lb., 15.00	.25	1.25
Rosy Scarlet. lb., 5.50	.15	.50
Shell Pink. lb., 5.00	.15	.50
Sky-Blue (Ageratum-Blue). lb., 5.00	.15	.50
White. lb., 5.00	.15	.50
Mixed. lb., 3.60	.10	.30
Improved Giant Hyacinth-Flowered. 45 in., Dark Blue, Pink, White, Purple, Lilac, Mixed. Each of the above. lb., 8.00	.25	.80

See also De'phinium—Perennial pages

Double Nasturtium Golden Gleam

Makes good cutting material as the flowers keep well in water and are quite fragrant. Large golden yellow semi-double flowers, on long, stiff stems. When sown in the greenhouse with sweet peas the plants will grow from 6 to 8 feet. 1/2 oz., 20c; oz., 30c; lb., \$1.50

NOTICE: Seed of Nasturtium Double Scarlet Gleam and Nasturtium Double Gleam Hybrids, grown by the Originator and Introducer of Nasturtium Golden Gleam, will be ready in September and will be offered in our Fall Book for Florists issued at that time.



Vaughan's Giant Pansies

Vaughan's Improved Swiss Giant Mixture

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.70; oz., \$6.00; 4 oz., \$20.00; lb., \$70.00.

Vaughan's Super Swiss Giant Mixture

We have made a special mixture from three of our growers stock. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 75c; 1/8 oz., \$1.40; 1/4 oz., \$2.65; oz., \$10.00; 2 oz., \$19.00.

Swiss Alpenglow. Color, rich red shades. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Berna. Dark violet-blue. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blue blotches. Ideal for cemetery planting. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Yellow Shades. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Pure Yellow. Large size and fine substance. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Mammoth Exhibition, Non Plus Ultra, Giant Cassier—all 3 and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00; lb., \$75.00.

Swiss Three Blotched Golden Yellow. With deep brown blotches on the three lower petals. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Five Blotched Golden Yellow. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

Swiss Luna. Soft, sulphur yellow self, round substantial flower with frilled edge. This is a lovely variety. Trade pkt., \$1.00; 1-16 oz., \$1.60.

Geneva Giant. A special selection of Swiss Giants. Trade pkt., \$1.00; 1/8 oz., \$2.85; 1/4 oz., \$5.50; oz., \$20.00.

Swiss Dwarf Mixed

For those who desire a dwarfier plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.25; oz., \$12.00.

Vaughan's Maple Leaf Giant Mixed

A distinct variety we introduced four years ago having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. A prize winner wherever shown. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.25; oz., \$8.00; 4 oz., \$28.00; lb., \$100.00.

Vaughan's "Super" Maple Leaf Mixture

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain, while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., \$1.00; 1/8 oz., \$1.85; 1/4 oz., \$3.50; oz., \$12.00.

VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Bugnot, Cassier, etc., this mixture contains all of the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., 50c; 1/4 oz., \$1.25; oz., \$4.00; lb., \$54.00.

Giant Pansies—Continued

SEPARATE SORTS

	Trade pkt.	1/4 oz.	Oz.
Adonis. Light blue white center	\$.025	\$0.40	\$1.40
Apricot. Dark eye, small-flowering	.35	.85	3.00
Apollo. Bronze	.25	.50	1.80
Beaconsfield. Deep purple, upper petals white	.25	.40	1.40
Black. Large flowered, true black	.25	.40	1.40
Bugnot. Shades of red, bronze and cardinal	.35	.70	2.40
Cardinal. Brilliant red	.25	.60	2.00
Cream	1/8 oz., \$1.00	.35	1.70
Delft Blue. An attractive shade	1/8 oz., \$1.00	.50	.....
Emperor William. Dark navy-blue	.25	.40	1.40
Goliath Golden Queen. Golden State. Pure golden yellow	.35	.60	2.00
Madame Perret. Shades of pink and rose	.25	.40	1.40
Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades	.35	.60	2.20
Dark Blood Red	.35	.60	2.20
President McKinley. Five-blotched yellow	.25	.50	1.80
Prince Henry. Darkest blue	.25	.40	1.20
Purple. Very large, rich deep purple	.25	.40	1.40
Pure Yellow	.25	.40	1.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange of the Bugnot type	.50	1.20	4.00
St. Knud. Giant orange flowers	.25	.70	2.40
White. With dark eye, very large	.25	.40	1.20
White. Pure without blotches	.25	.40	1.40
Yellow. With dark eye	lb., \$15.00	.25	.40

Primula Obconica

	Trade pkt.	Oz.
Gigantea Rosea. Fine	1/32 oz., \$1.80	\$0.50
Salmon Queen. 8 in.	1/64 oz., 2.00	1.00
Mixed	1/32 oz., 1.50	.50
Grandiflora Appleblossom. Pink	.....	.50
Alba. White	1/64 oz., \$1.80	.50
"Better Days." A new color—deep carmine red. The darkest and most pleasing Primula Obconica Grandiflora yet produced. Very large flowering. The compact, well-branched growth is very symmetrical and the mass of flower heads show evenly above the dark green foliage, on strong stems.	1/64 oz., \$2.00	1.00
Coerulea. Blue, 12 in.	1/64 oz., \$1.50	.50
Fassbender Red. Flowers rich deep red of enormous size	1/64 oz., \$1.50; 1/32 oz., \$2.40	1.00
Salmon Rose. A beautiful salmon-rose	1/64 oz., 1.80	1.00
Mueller's (Berlin) Rose	1/64 oz., 1.60	1.00
Mohnstein's Dark Red	1/64 oz., 2.00	1.00
Rhine Pearl. Flowers large dark salmon-carmine	1/64 oz., \$2.00	1.00
Rose Queen. Pure rose, giant trusses of large flowers	1/64 oz., \$2.00	1.00
Ruby. Free bloomer, flowers rich ruby red with a salmon undertone	1/64 oz., \$1.80	1.00
Mixed	1/32 oz., 1.20	.50

Primula—Chinese Giant

Trade pkt. of any of the following, 250 seeds, each, 50c.

Chiswick Red Improved. Red	
Covent Garden White	
Giant Pink. Extremely large petals of great substance.	
Giant Salmon. Massive heads of flowers of great substance.	
Queen Mary. Rose-pink	
True Blue	
Giant Mixed. Includes this year a number of new shades	1/32 oz., \$2.00 .50
Vaughan's International Mixture. Trade pkt. of 250 seeds, 50c; 1/32 oz., \$2.00.	

Primula—Malacoides (Baby)

	Trade pkt.	Oz.
Courtland Seedling. Clear lilac pink, very brilliant	.....	.....
500 seeds, 60c; 1000 seeds, \$1.00		
Salmon Red. The plants are of good habit, with flower spikes well above the foliage	1/32 oz., \$1.20	\$0.50
Snow Queen. Large pure white flowers	.....	1.00
Rosea Superba. Beautiful pink	1/16 oz., \$1.00	.50
Erikssoni New Baby, lavender pink	.....	.....
Baby Rose, deepest pink	.....	.....
Wonder Baby, pink	.....	.....
Each of the above (about 800 seeds)	1.00	.....
Erikssoni Mixed (1000 seeds)	1.00	.....

VARIOUS PANSY MIXTURES

America. A wonderful, free-flowering compact strain. Ideal for bedding and basket work. Contains a full color range, well balanced and produces flowers of extra large size and substance. Trade pkt., 50c; 1/4 oz., \$2.25; oz., \$8.00.

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., \$1.00; 1/4 oz., \$5.00; 1/8 oz., \$2.70.

Donovan's Strain. Used by Michigan growers. Trade pkt., 50c; 1/4 oz., \$1.65; oz., \$6.00; lb., \$90.00.

Early Flowering Giants, Yellow, Dark Blue, Light Blue, White or Black. Each, Trade pkt., 25c; 1/4 oz. 35c; oz. \$1.20.

Early-Flowering Giant, Mixed. These come into bloom 4 to 5 weeks before other varieties planted at same time. Trade pkt., 15c; 1/4 oz., 30c; oz., \$1.00.

Engelmann's Special Mixture. Scottish Show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., \$1.00; 1/4 oz., \$2.75; oz., \$10.00.

Mammoth Exhibition. Sturdy grower, has short habit and large leaves. The flowers are round, solid, of gigantic size and most beautiful color combinations. Trade pkt., 50c; 1/4 oz., \$1.20; oz., \$4.00.

Paris Market Mixture. Improved Trimardeau. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.30; lb., \$14.00.

Roggi Giant Mixture. A choice mixture of large-flowering pansies, very freely produced and in a great variety of colors. Trade pkt., 50c; 1/8 oz., 75c; 1/4 oz., \$1.40; oz., \$4.80; 4 oz., \$16.00; lb., \$60.00.

Trimardeau Mixed. Many colors. Trade pkt., 15c; 1/4 oz., 30c; oz., \$1.00; lb. \$12.00.

Triumph of the Giants. A mixture of brilliant colored varieties made by a European grower. Trade pkt., 50c; 1/4 oz., 85c; oz., \$3.00.

Chicago Park's Bedding Mixed. Trade pkt., 15c; oz., 80c; lb., \$8.00.

Primula Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Blue Star
Giant Salmon Pink Star
Giant White Star

Each of the above, Trade Pkt. (250 seeds), 50c

Primula—Various Sorts

	Trade pkt.	Oz.
Forbesi. Rosy-lilac. 12 in.	1/16 oz., \$1.00	\$0.50
Ruby	1000 seeds, \$0.65	.....
Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in.	1/32 oz., \$1.00	.50



PRIMULA Malacoides, Snow Queen

Stocks

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.

Appleblossom. (Used by many for white).

Chamois	Flesh	Gold Ball	Lilac	White
Dark Blue	Fiery Blood-Red	Lavender	Rose	
Trade pkt. Oz.				
Each of the above.....	1/8 oz.,	\$1.00	\$0.35	\$3.00
Giant Bismarck, Mixed. All colors....	1/4 oz.,	.60	.35	2.20
Antique Copper.....	1/4 oz.,	1.00	.35	3.40
Buttercup. Deeper shade than Gold Ball....	1/4 oz.,	1.00	.50	3.60
Golden Rose.....	1/4 oz.,	1.00	.35	3.60
Elk's Pride. Royal purple.....	1/4 oz.,	1.00	.35	3.20
Old Rose.....	1/4 oz.,	1.00	.35	3.60
Santa Maria. Large flowering, pure white. Good percentage of double.....	1/4 oz.,	\$1.20	.50	4.00
Shasta. Vigorous, glistening white.....	1/8 oz.,	1.00	.35	3.60
White Wonder. It is a tall growing variety of the Bismarck type in habit and season. The heads are very large and the individual flowers are closely set and of extraordinary size.....				
.....	1000 seeds,	\$1.00;	1/8 oz.,	\$1.50
.....				10.00

GIANT PERFECTION—Cut and Come Again

Canary	Sky Blue (May Queen)		
La France (Flesh)	Rose		
Sapphire (Dark Blue)	White (Improved Snowdrift)		
Scarlet	Empress Augusta Victoria,		
	Silvery lilac.		
Heatham Beauty. Rose shaded terra cotta.		Trade pkt.	Oz.
Each of the above.....	1/8 oz.,	\$0.35	\$0.25
Hermosa. A lovely Hermosa rose, lighter toward the center.....	1/4 oz.,	1.20	.50
Giant Perfection, Mixed. All colors....	1/4 oz.,	.50	.25

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2 1/2 ft. high and can be planted close together in the bench which makes them a profitable type. Are in season with Bismarck variety.

White	Chamois Rose	Rose
Light Blue	Dark Blue	
Silvery Lilac (Lilac Lavender)		
Each of above.....	1000 seeds, \$1.00;	1/8 oz., \$1.50
.....	1/4 oz.,	\$2.70
Non-Branching Column, Mixed. All colors.....	1000 seeds, 75c;	1/8 oz., \$1.20
.....		8.00
Appleblossom (Dwarf White).....	1000 seed, \$1.00;	1/8 oz., \$1.50
.....		
Ruby. A good color for greenhouse.....	1000 seeds, \$1.00;	1/8 oz., \$1.50
.....		

MAMMOTH CHAMPION COLUMN (NON-BRANCHING)

These, like the above, produce only one flower spike. They grow taller and the flower heads are more massive.

Brilliant Rose	Chamois Rose
Malmaison, soft malmaison pink, very pretty.	
Moonlight, light yellow.	Silvery Lilac.
White, tinted Rose.	
Each of the above: 1,000 seeds, \$1.00;	1/8 oz., \$1.35;
oz., \$9.00.	1/4 oz., \$2.50;

BEAUTY OF NICE

American Beauty	Monte Carlo. Yellow
Abundance. Soft carmine-rose	Mont Blanc. White
Aurora. Golden buff suffused with rose	Pink, Flesh
Belle of Naples. Old rose-salmon	Souv. de Monaco. Crimson
Cote d'Azur. Light blue	Summer Night. Dark blue
Each of the above.....	Trade pkt. Oz.
.....	1/8 oz., \$0.35
Beauty of Nice, mixed.....	1/4 oz., .50
.....	.25
.....	1.80

EMPEROR OR WINTER

Empress Elizabeth. Brilliant carmine rose.	1/8 oz., 60c	35	4.00
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SAINTPAULIA Ionantha (African Violet). Charming deep blue flowering pot plant which blossoms in uninterrupted succession.....	1.00
Cordata.....	1.00	.....
Kewensis.....	1.00	.....



STOCKS, Giant Bismarck Shasta

SAPONARIA Vaccaria Rose. Incorrectly spoken of as Pink Gypsophila. The light graceful sprays of glistening flowers produced in greatest profusion.....	Trade pkt.	Oz.
.....	lb., \$14.0	\$0.10 \$0.15
Vaccaria Alba. White.....	lb., \$14.0	.10 .15
SCHIZANTHUS. Vaughan's Excelsior Hybrids. An extra select strain with large flowers containing a perfect blend of colors for greenhouse culture. Makes a fine cut flower.....	1/8 oz., \$1.00	.50
STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming.....	lb., \$8.00	.15 0.80
STEVIA Serrata. White, fine cut-flower.....	1/4 oz., \$0.40	.25 1.40
STREPTOCARPUS (Cape Primrose). Large flowering hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. They are easily grown.....	1/64 oz., \$2.00	1.00
Giant Flowered Rose, Red, White and Sky Blue		
Each.....		1.00

"Popular Hardy Perennials" by T. W. Sanders, F. L. S. 400 pages illustrated. \$3.15 per copy postpaid.

We consider this the best book on perennials and recommend it to those who wish more information on this class of plants than what can be given in a catalog.

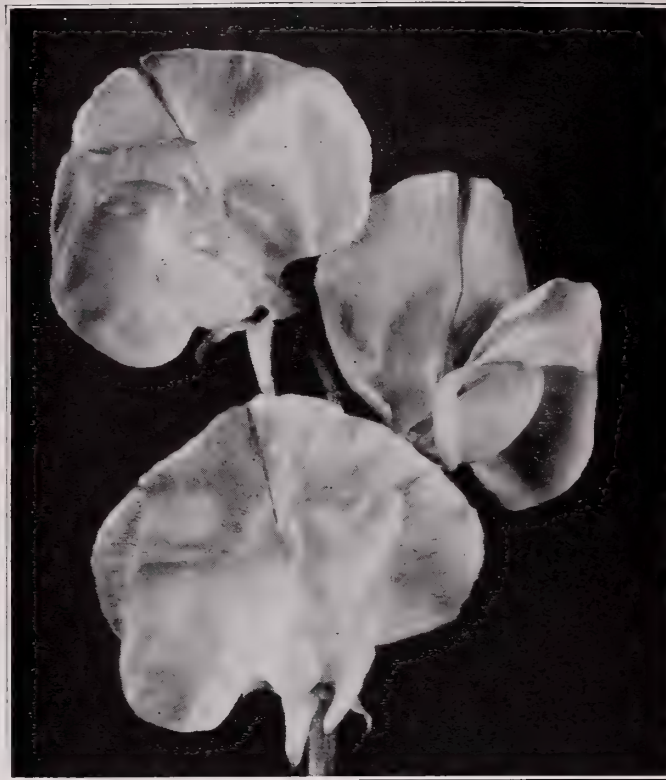
Sweet Peas

Early Flowering—Spencer Novelties

4 ounces and upward of one variety supplied at pound rate. Less than 4 ounces of one variety at ounce rate. Duplexed varieties often have 3 to 4 standards and the same number of wings, giving the appearance of a semi-double flower.

The varieties prefixed by a () are those we displayed at the 1934 New York Flower Show which won First Prize.

	Oz.	Lb.
*Annie Laurie. Richest tone of pure rose pink.....	\$0.60	\$6.40
American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose on white ground.....	.50	5.00
Apollo. A soft salmon pink self. Flowers large, long stemmed. Exceptionally fine variety.....	.40	4.20
Ball Rose Improved. Extra rich deep rose.....	.50	5.00
Burpee's White. A distinct new white-seeded white Sweet Pea marking a real improvement in its class. The fine sprays are composed of four large, frilled, glistening pure white blooms of unusually heavy substance and rich fragrance.....	.80	8.40
*Cattleya. Rosy lilac flowers.....	.60	6.20
Dwarf Bo-peep. Early flowering Spencer, salmon pink, fine for pot plant, upright grower. Not a Cupid.....	.80	8.00
*Eleanor Blue. New. Blue with a silver sheen. Fragrant.....	.65	8.00
Exposition Pink. New. Large waved rich pink flowers on long stems.....	.80	10.00
Fandango (Duplex). Bright rose, large magnificently frilled, long stemmed.....	.40	4.40
Fascination. Rose pink, long stems, strong grower.....	.40	4.50
*Forty-Niner. Deep yet bright true orange shade. Fragrance. Large frilled lavender flowers, sweetly fragrant.....	.50	6.00
Greeting. Clear lavender, fine commercial early sort.....	.40	4.80
*Hope. A mammoth flowered black seeded pure white.....	.50	5.00
Laddie. An enormous rose-pink on white ground.....	.50	5.00
Lavanda. New. Large clear lavender flowers.....	.80	10.00
Majestic Rose. Immense deep brilliant rose-pink flowers on long stems.....	.40	4.80
Mrs. Calvin Coolidge. Salmony pink.....	.40	4.40
Mrs. Herbert Hoover. "The California Blue." Vigorous growth, great length of stem, uniform blue.....	.40	4.40
Mrs. Holscher. Rose-pink.....	.40	4.60
*Michigan. A mammoth dark, pure lavender.....	.40	4.00
Peaches. Bright apricot rose with touch of lemon.....	.40	4.80



SWEET PEA Annie Laurie

	Oz.	Lb.
Pride. Pure cerise, deeper than Sunray, large flowers on long stems.....	\$0.40	\$4.80
Prosperity. New. Orange salmon suffused with amber.....	.80	.....
Satin Rose. Rose and amber with touch of salmon.....	.50	5.00
Sunray. Brilliant glowing yet soft cerise on cream ground with a suspicion of orange.....	.40	4.40
Valencia. Color bright orange, sun-proof, softer tone than Orange King but with immense vigor in growth, length of stem and size of blooms.....	.40	4.80
Vogue. An improved Early Harmony, standard lilac lavender, flushed rosy lavender and wings clear lilac-lavender. Delicious fragrance.....	.40	4.50
White Harmony. A standard black-seeded white.....	.45	5.00

Early Flowering—Spencer Varieties

	Oz.	Lb.
All-White. An early King White.....	\$0.40	\$4.20
Alameda. Deep rose-pink, overlaid with glowing salmon cerise-pink on white ground.....	.40	4.00
Amethyst. An early-flowering "Royal Purple".....	.40	4.40
Aviator. Scarlet.....	.40	4.00
Ball Rose. A bright dark rose with amber flush.....	.40	4.80
Blue. Clear blue, good bloomer.....	.40	4.40
Orange. Clear deep orange.....	.50	5.00
Rose Queen. Best long-stemmed rose.....	.40	4.40
Blue Bird. A magnificent violet-blue.....	.40	4.40
Blue Bonnet. Extra large, fine deep blue.....	.40	4.00
Blue Boy.....	.40	4.20
Bright Light. Flaming scarlet.....	.40	4.40
Burpee's Lavender. A large flower, color a lovely light Wisteria lavender; strong grower.....	.40	4.00
Orange. Glistening orange.....	.40	4.80
Charm. Glowing rose-pink.....	.40	4.20
Chevalier. Magnificent cerise-rose.....	.40	4.40
Columbia. The best pink and white.....	.40	4.20
Eldorado. Pure orange-salmon.....	.40	4.40
Fair Maid. A blush-pink, suffused salmon.....	.40	4.00
Giant Rose. Improved Zvolanek's Rose.....	.40	4.40
Glitters. Bright fiery-orange, wings deep orange.....	.40	4.50
Grenadier. A glowing poppy-scarlet.....	.40	4.40

	Oz.	Lb.
Harmony. Lavender.....	\$0.45	\$4.80
Hercules. Rosy pink.....	.40	4.20
Imperial Pink. Clear pink, enormous size.....	.40	4.40
*Jeanne Mamitsch. Striking pink, shading off to deepest pink.....	.40	4.60
Lavender King. Lavender.....	.40	4.40
Madonna. Black-seeded white.....	.40	4.40
Morse's Superior Pink. Rose-pink, shaded salmon.....	.40	4.40
Mrs. Kerr. Salmon.....	.45	5.00
Mrs. Chas. A. Zvolanek. Clear lavender.....	.40	4.00
Orange King. Glowing orange.....	.40	4.60
*Sparkle. Vivid scarlet.....	.40	4.00
Spring Song. Salmon-pink on cream.....	.40	4.40
Snowstorm Improved. White, of great substance.....	.40	4.40
Sweet Lavender. A pure lavender self.....	.40	4.60
Vulcan. Vivid scarlet; never burns.....	.40	4.20
Zvolanek's Blue Sensation. Clear blue.....	.40	4.40
Rose. A giant rose-pink; sow for spring blooming to follow the mums.....	.40	4.00
White Rose.....	.40	4.00
Early-Flowering Spencer, Vaughan's Special Mixture.....	.40	4.00

¼ lb. and Upward Supplied at Pound Rate.



AQUILEGIA Dobbie's Imperial Hybrids



ACHILLEA, The Pearl



ANCHUSA Myosotidiflora

One of the most attractive of spring blooming perennials. A real gem for the border.

Seeds of Biennials and Hardy Perennials

Perennials form a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock

garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

	Trade	pkt.	Oz.
Acaena Glauca. X Silvery-blue foliage, for carpeting and rock steps, 2 in.	1/8 oz., 40c	\$0.25	....
Microphylla X Brownish foliage, 9 in.	1/8 oz., 40c	.25	....
Acanthus Latifolius (Bear's Breech), 3 ft. . . . .	.10	\$0.40	....
Achillea Ageratum. X Yellow, scented, 24 in. . . . .	.35	1.40	....
Filipendula , Parker's Var. Yellow, 4 to 5 ft. . . . .	.35	2.60	....
Millefolium Kelwayi. Magenta red, 40 in.	1/4 oz., 75c	.35	2.60
Cerise Queen . Dark cherry-red, 24 in.	1/8 oz., 75c	.35	....
Rubra , Magenta red, 24 in.	1/4 oz., 80c	.35	2.80
Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in.	1/4 oz., 80c	.35	2.80
Perry's White	1/4 oz., \$1.40	.50	....
Tomentosa Aurea. X Ferny green mats, golden umbels, 6 in. . . . .	....	....	....
Aconitum Monk's Hood, Fischeri. Large pale blue flowers, 30 in.	1/4 oz., 50c	.25	1.80
Napellus . Dark blue, 36 in. . . . .	.25	1.40	....
Wilsoni . Rich blue, 6 to 7 ft.	1/4 oz., 80c	.35	2.80
Adlumia Cirrhosa. Allegheny Vine. Hardy climber . . . . .	.25	....	....
Adonis Vernalis. Golden yellow, 12 in. . . . .	.35	2.00	....
Aethionema Coridifolium (Lebanon Candytuft). Light mallow purple, 9 in. . . . .	.50	....	....
Grandiflorum . Slender branches wavy gray leaves, beautiful pink flowers surround the stem. June. 18 in. . . . .	.50	....	....
Agathea Coelestis (Amelloides) (Blue Daisy). 40 in.	1/4 oz., 40c	.25	1.20
Agrostemma Coronaria Atrosanguinea. Deep blood-red, 28 in. . . . .	.10	.30	....
Coronaria , Mixed . . . . .	.10	.25	....
Flos Jovis . Carmine-rose, 16 in. . . . .	.10	.30	....
Hybrida Walkeri. Brilliant rosy-purple, 16 in. . . . .	.10	.30	....
Allium Pulchellum. X Brilliant loose clusters of lilac-red flowers, August, 16 in. . . . .	.50	4.80	....
Alsine Gracilis, X White, 6 in. . . . .	.50	....	....
Allwoodii , see Dianthus.	....	....	....
Alstroemeria Aurantiaca. Orange, streaked with red, 3 to 4 ft. . . . .	.50	5.00	....
Alyssum X Argenteum. Yellow-flow' r'd, 24 in.	1/4 oz., 60c	.25	2.00
Rostratum , yellow, 16 in.	1/4 oz., 60c	.25	2.00
Saxatile Compactum (Gold Dust), 12 in. . . . .	.15	1.00	....
Sulphureum . Sulphur-yellow, 15 in.	1/4 oz., \$0.80	.35	3.00
Serpyllifolium . Yellow, 6 in.	1/4 oz., 1.00	.50	....
Rock Garden Perennial Rare Species Mixed . Includes such varieties as Montanum, Rostratum, Corymbosum, Gemonense, etc.	1/4 oz., \$1.00	.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed. lb., \$2.40 . . . . .	....	.30	....

	Trade	pkt.	Oz.
Anchusa Angustifolia. Navy-blue, 36 in.	1/8 oz., \$0.20	1.20	....
Italica , Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft.	1/8 oz., \$5.60	.15	.60
Dwarf Dropmore Variety. Neat habit, flowers brighter blue than preceding. 3 ft.	1/8 oz., \$1.00	.50	....
Lissadell . Clear gentian-blue. 6 ft.	1/4 oz., 25c	.15	.80
Opal . Light blue, 3 to 5 ft.	1/4 oz., 25c	.15	.80
Myosotidiflora . X Beautiful Forget-Me-Not-blue, 15 in.	1/4 oz., \$1.60	.50	6.00
Anemone (Windflower), Coronaria. Mixed, very showy, 18 in.	1/8 oz., \$8.00	.15	.80
Coronaria , Double Chrysanthemum-Flowered, 18 in., fine	1/8 oz., \$12.00	.25	1.00
Blue	1/4 oz., 65c	.35	2.40
Creagh Castle Strain. Large color range. 1/4 oz., \$2.70	1.00	10.00	....
His Excellency . X Single, scarlet, 1 ft.	1/8 oz., \$12.00	.25	1.00
The Governor . X Double bright scarlet. 1/4 oz., 85c . . . . .	.50	3.00	....
St. Brigid's Hybrids . True Irish strain. Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors, 18 in.	1/4 oz., \$1.20	.50	4.00
St. Brigid . Regular strain, 18 in.	1/8 oz., \$20.00	.25	1.60
Pulsatilla . X Violet-lilac, 12 in.	1/4 oz., 85c	.35	3.00
Rubra . X red, 12 in. . . . .	.75	....	....
Sylvestris . X White, large-flowered, 12 in.	1/4 oz., 65c	.35	2.40
Antennaria Margaritacea. White everlasting, 2 ft.	1/8 oz., \$1.20	.50	....
Anthemis Kelwayii (Hardy Marguerite). Daisy-like yellow blossoms, produced all summer, 2 ft. . . . .	.15	.50	....
Kelwayi Alba. Hardy white Marguerite, 3 ft. . . . .	.15	.60	....
Montana . X Charming species producing pure white flowers in abundance, 12 in.	1/4 oz., 40c	.25	1.40
Tinctoria . Very useful yellow border plant, 2 to 3 ft. . . . .	.15	.60	....
Perry's Variety . Pale golden yellow, 2 ft.	1/4 oz., 50c	.25	1.80
Antirrhinum Asarina. X A very free flowering, creeping snapdragon for sunny rock gardens and dry walls. Color cream, 6 in.	1/8 oz., 75c	.35	....

AQUILEGIA X (Columbine)

Alpina . Blue, 24 in. . . . .	.35	1.80	....
California Hybrids. 3 ft.	1/4 oz., 50c	.25	1.80
Canadensis . Old rose with yellow, 30 in.	1/4 oz., 50c	.25	1.60
Chrysantha . Light chrome-yellow, fine, 36 in.	1/4 oz., 40c	.25	1.40
Fl. Pl. , 60 to 70 per cent of light chrome-yellow double flowers, 36 in. . . . .	.35	....	....

Rock Plants are followed by X and the heights given are of the plants when in bloom.

Seeds of Biennials
and Hardy Perennials



BAPTISIA Australis



ARMERIA Ruby



ARABIS (Rock Cress)

AQUILEGIA—Continued

	Trade pkt.	Oz.
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft.	1/4 oz., 70c	\$0.35
Grandiflora Sulphurea, new soft sulphur yellow, 1/4 oz., 70c. ....	.35	2.40
Coerulea. X Blue, Rocky Mt. Columbine, 1/4 oz., 50c	.25	1.80
Rose Queen. Shades of rose with white center, 30 in.	.35	2.40
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer.	1/4 oz., 85c	.50
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white centers, 12 to 18 in.	1/16 oz., \$1.50	.75
Jaetschau. Large yellow with red spurs, 36 in. 1/4 oz., 70c	.35	2.40
Long-Spurred Varieties. Choice mixed, 30 in., 1/4 oz., 50c	.25	1.80
Blue Shades.	1/4 oz., 85c	.35
Copper Queen. Very attractive.	1/8 oz., \$1.00	.50
Crimson Star. Crimson, white corolla. 1/16 oz., \$1.00	.50	4.00
Orange and scarlet shades.	1/4 oz., 85c	.35
Farquhar Pink.	1/4 oz., \$1.20	.50
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. 1/4 oz., \$1.20	.50	4.00
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine.	1/4 oz., 85c	.50
Skinneri. Scarlet spurs with yellowish-green corolla. 2 ft.	1/4 oz., 60c	.35
Vulgaris Alba Plena. Double white, 30 in. ....	.25	1.80
Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring.	1/16 oz., \$1.00	.50
Vaughan's Special Mixture.	1/4 oz., 85c	.50
Arabis X Alpina. White, 12 in.	lb., \$6.40	.15
Alpina Grandiflora Superba. X Large white, 1 ft. ....	.15	.80
Nana Compacta. X 10 in. ....	.25	1.40
Aubrietoides X Purple lilac, 6 in.	1.00	.....
Billiardieri Rosea. Dwarf pink, 8 in. 1/8 oz., \$1.00	.35	.....
Arenaria Montana X. White, 12 in.	1/8 oz., 85c	.50
Aristolochia Siph. Large-leaved. ....	.....	.....
Armeria X Alpina. Purple, 12 in. ....	.50	.....
Formosa. Red, 2 ft.	1/4 oz., 50c	.25
Formosa Hybrida, 2 ft.	1/4 oz., 30c	.20
Lanceolata. Rosy crimson, 9 in.	1/4 oz., \$1.20	.50
Maritima. Lilac-rose, 12 in.	1/4 oz., 1.25	.50
Mauritanica (Weller's). True deep pink. 1/8 oz., 1.00	.50	.....
Ruby. Deep rose-colored flowers, 24 in., 1/8 oz., 1.20	.50	.....
Arnica Montana X Yellow, fragrant, 20 in. 1/4 oz., 60c	.35	2.20
Asclepias Tuberosa. Orange, fine, 24 in.	1/4 oz., 60c	.35
Asparagus Verticillatus. Hardy Climbing Asparagus.	.35	2.00
Asperula Hexaphylla. White, excellent for cutting, 3ft. ....	.15	.80
Odorata, Woodruff. Very odoriferous, white, 8 in. ....	.15	.80
Asphodelus Luteus. Yellow, fragrant, 3 ft., 1/4 oz., 70c	.35	2.40
Aster Perennial. Choice mixed.	1/4 oz., 50c	.25
Perennial, Large-Flowering Vars., mixed. 1/4 oz., 65c	.35	2.20
Alpinus. Light blue, 1 ft.	1/4 oz., 85c	.35

ASTER PERENNIAL—Continued

	Trade pkt.	Oz.
Alpinus Dark Beauty. Deep blue, June, 12 in. 1/4 oz., 85c	\$0.35	\$3.00
Goliath. X Soft blue, 15 in.	1/4 oz., 90c	.25
Nixe. X Light blue, 12 in.	1/4 oz., 85c	.35
Mixed, 15 in.	1/4 oz., 65c	.35
Amellus Hybridus. A good mixture, 30 in. 1/4 oz., 85c	.50	3.00
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in. 1/4 oz., 1.00	.50	.....
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose, 30 in. 1/8 oz., 85c	.50	.....
Farreri. X Color is a soft tone of violet-mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creeping. 1/8 oz., 70c	.35	4.40
Sub-coeruleus. X Light blue, 15 in.	1/4 oz., 50c	.25
Star of Eisenach. X Bright lavender-blue Marguerites with yellow centers measuring more than four inches across, May and June, 30 in. 1/8 oz., \$1.00	.50	.....
Yunnanensis. Brilliant lilac-blue, flowers in early summer, 15 in.	1/8 oz., 1.00	.35
Astilbe Arendsii hybrida rose shades. Splendid large elegant plumes. 2 ft. ....	.75	.....
Aubrietia X Large-Flowered Hybrids. Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in.	1/4 oz., 70c	.35
Bougainvillei. X Dark blue, 6 in.	1/4 oz., \$1.00	.50
Deltoidea. X Lilac, 6 in.	1/4 oz., 70c	.35
Eyrii. Free flowering light violet variety, 1/4 oz., 1.00	.35	.....
Graeca. Violet, large, 6 in.	1/4 oz., 50c	.25
Leichtlini. Large-flowered, rosy purple. 1/8 oz., \$1.20	.50	.....
Rosea Grandiflora. X Pink, 6 in.	1/4 oz., 1.25	.50
Whitewell Gem. X Purple, 6 in.	1/8 oz., 1.20	.35
Auricula. See Primula.	.....	.....
Baby's Breath. See Gypsophila Paniculata.	.....	.....
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., \$5.00	.15	.50
Beauty Bush (Kolkwitzia Amabilis). ....	.....	.....
..... 100 seeds, 15c; 1000 seeds, \$1.00	.....	.....
Bellis Perennis X or English Daisy, 6 in. ....	.....	.....
Longfellow. Very large, double dark rose. 1/4 oz., 40c	.25	1.40
Snowball. Double white.	1/4 oz., 40c	.25
White with red center.	1/8 oz., 60c	.35
Monstrosa, double pink.	1/4 oz., 75c	.35
Double red (dark rose).	1/4 oz., 75c	.35
Double white.	1/4 oz., 75c	.35
Double mixed.	1/4 oz., 60c	.35
Tubulosa Aetna. Rich deep red.	1/4 oz., \$1.25	.35
Bernina, white passing to pink. ....	.35	.....
Glory of Frankfurt, brilliant dark red 1/8 oz., \$1.25	.50	.....
Monterosa, rose. ....	.35	.....
Titlis, carmine. ....	.35	.....
Mixed. ....	.35	.....
Extra choice mixed. ....	.25	1.20
Bidens Atrosanguinea. The black Dahlia, 2 ft., 1/4 oz., 50c	.25	1.80

Rock Plants are followed by X and the heights given are of the plants when in bloom.

Seeds of Biennials
and Hardy Perennials



CAMPANULA Medium (Canterbury Bell)



BOCCONIA (Plume Poppy)



CHEIRANTHUS (Siberian Wallflower)

	Trade pkt.	Oz.	
Bignonia Radicans (Trumpet Vine).....	\$0.15	\$0.60	
Bocconia Japonica (Plume Poppy). 5 ft.....	lb., \$3.00	.10	.30
Boltonia Asteroides . White daisy flowers, 4-6 ft.....	.35	4.00	
Latisquama. Delicate pink, 4-5 ft.....	¼ oz., 45c	.25	1.40
Nana. Dwarf, 3 ft.....	¼ oz., 70c	.35	2.60
Buddleia Veitchiana . Butterfly Bush. 5 ft.....	.25	1.20	
Bupththalmum Cordifolium (Speciosum). Orange-yellow flowers with brown centers, 36 in.....	.25	1.20	
Salicifolium. Yellow, 18 in.....	.25	1.20	
Calamintha Alpina × Blue, 6 in.....	¼ oz., \$1.40	.50	.....
Callirhoe Involucrata × Crimson, 6 in.....	¼ oz., 1.20	.35	4.00

CAMPANULA

Alliariaefolia . Creamy white. A desirable border plant. 2½ ft.....	¼ oz., 40c	.25	1.40
Carpatica × (Hare Bell). Blue, 9 in.....	¼ oz., 25c	.15	.80
Alba × White, 18 in.....	¼ oz., 30c	.15	.90
Mixed ×.....	¼ oz., 25c	.15	.80
Fragilis . Blue Star of Bethlehem. Blue, splendid for hanging baskets.....	.50	.....	.....
Garganica × Elegans dwarf trailer, flowers blue.....	.75	.....	.....
Glomerata Superba . Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in.....	¼ oz., 90c	.35	3.20
Acaulis. Clusters of amethyst violet flowers, 6 in.....	.50	.....	.....
Lactiflora Coerulea . Light blue, 3 ft.....	¼ oz., 80c	.35	2.80
Latifolia Macrantha . Blue, large-flowered, 40 in.....	¼ oz., 40c	.25	1.40
Alba. White, 40 in.....	⅝ oz., \$1.00	.35	.....
Lorei × Violet blue with light center. 6 in. ⅝ oz., 1.00	.25	.....	.....
Medium Calycanthema , Cup and Saucer. Blue, 36 in.....	.25	1.40	
Calycanthema, Lilac, White, each.....	¼ oz., 45c	.25	1.40
Pink.....	¼ oz., 45c	.25	1.40
Mixed.....	lb., \$10.00	.20	1.00
Medium, Single, Canterbury Bell . Blue, 36 in, lb., 4.00	.10	.40	
Single, Lilac, Rose, White, each.....	lb., 4.00	.10	.40
Mixed.....	lb., 2.60	.10	.30
Double, Blue, 32 in.....	.25	1.20	
Rose.....	.25	1.20	
White.....	.25	1.20	
Mixed.....	lb., \$8.00	.20	.80
Double and single mixed.....	.15	.60	
Persicifolia Alba . White, fine, 30 in.....	¼ oz., 60c	.35	2.00
Alba Plena. Double white, 30 in.....	¼ oz., 85c	.50	3.00
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped, pure white. 2 ft. ⅙ oz., \$1.20	.50	.....	.....
Grandiflora Large Bell. Large, blue, cup-shaped flowers. 2½ ft.....	⅙ oz., \$1.40	.50	.....
Coerulea. Blue, 30 in.....	¼ oz., 60c	.35	2.00
Coerulea Plena. Double blue, 30 in.....	¼ oz., 90c	.35	.....
Pfitzeri Fl. Pl. Extra large flowered, double blue.....	.50	.....	.....
Telham Beauty. Very large bells of China-blue 30 in.....	1-16 oz., \$1.25	.50	.....
Single mixed.....	¼ oz., 65c	.35	2.00

Rock Plants are followed by × and the heights given are of the plants when in bloom.

	Trade pkt.	Oz.	
CAMPANULA —Continued			
Pusilla . × Light blue bells. Very free blooming, July, 4 in. \$1.00	.....	1.00	.....
Alba. × Pure white.....	.....	1.00	.....
Pyramidalis Alba . White, 5 ft.....	¼ oz., 50c	.25	\$1.60
Blue. Lavender-blue, 5 ft.....	¼ oz., 40c	.25	1.40
Mixed.....	¼ oz., 40c	.25	1.45
Rotundifolia . × Slender branching stems, covered with dainty frail blue flowers, 6-12 in. ⅝ oz., \$1.00	.50		
Olympica × Light blue. 10 to 12 in. ⅝ oz., 1.20	.50		
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers, 2-3 ft.....	.15	.60	
Turbinata . × Forms close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it. June-July. 18 in. ¼ oz., 60c	.25	2.40	
Alba. × White, 18 in.....	¼ oz., 60c	.25	.....
Perennial Varieties . Mixed.....	¼ oz., 40c	.25	1.20
Candytuft × Gibraltarica , 1 ft. Large flowers lilac shaded to white.....	lb., \$12.00	.20	1.00
Jucunda. Dwarf pink, 4 in.....	.50	.....	.....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in.....	.15	.50	
Sempervirens, 12 in. White.....	lb., \$16.00	.35	1.40
Snowflake. Large pure white flowers. ⅝ oz., 90c	.50	6.00	
Tenoreana, 16 in. Lilac and white.....	.15	.60	
Canterbury Bells . See Campanula Medium.			
Carnation , Vienna Dwarf. Mixed.....	¼ oz., 45c	.25	1.40
Vienna Dwarf. White.....	¼ oz., 60c	.35	2.00
Pink. 20 in.....	¼ oz., 60c	.35	2.20
Grenadin Red. Half high. 20 in.....	¼ oz., 50c	.25	1.60
Red. Dwarf. 14 in.....	¼ oz., 65c	.35	2.40
Golden Sun. True golden yellow.....	¼ oz., 90c	.35	3.20
White, 20 in.....	¼ oz., 60c	.35	2.00
Pink, 20 in.....	¼ oz., 60c	.35	2.00
Tausendschon. Soft salmon-rose to bright pink. ¼ oz., 75c	.35	2.60	
Velvety Brown, 20 in.....	¼ oz., 60c	.35	2.00
Mixed.....	¼ oz., 50c	.25	1.60
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in.....	.25	1.20	
Catananche Coerulea . Blue, with dark eye, fine, everlasting, 30 in.....	¼ oz., 40c	.25	1.20
Coerulea Alba. White, dark eye, 30 in.....	¼ oz., 40c	.25	1.30
Centaurea Dealbata . Rose-colored flowers, 18 in. ¼ oz., 40c	.25	1.40	
Macrocephala. Golden yellow, 36 in.....	¼ oz., 25c	.15	.80
Montana. Corn-flower blue. Large flowers, 24 in. lb., \$5.00	.15	.50	
Alba. White, superb large flowers, 24 in.....	.15	.60	
Pulcherrima. Rosy lavender. 15 in.....	¼ oz., \$1.20	.35	4.00
Rigidifolia Rosea. 20 in.....	.25	1.20	
Ruthenica. Light yellow, 4 ft.....	¼ oz., 50c	.25	1.80
Perennial sorts mixed.....	.25	1.40	

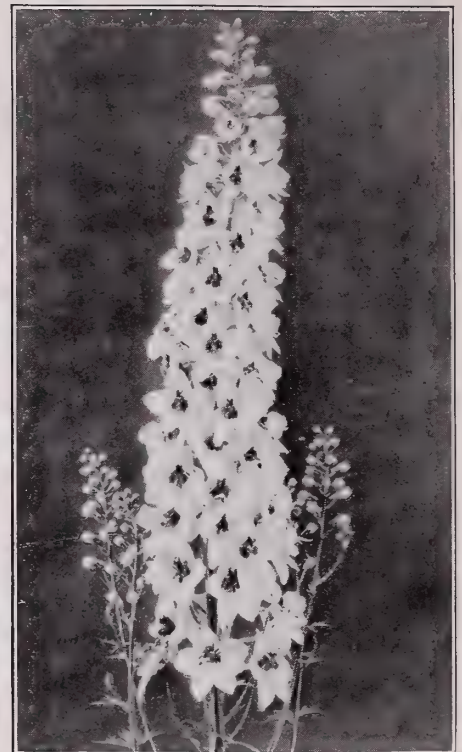
Seeds of Biennials and Hardy Perennials



DIGITALIS (Foxglove)



DIANTHUS Plumarius (Clove Pinks)



DELPHINIUM Blackmore and Langdon Strain

	Trade	pkt.	Oz.
Cephalaria Alpina. Sulphur-yellow, 5 ft.	¼ oz., 25c	\$0.15	\$0.80
Cerastium × Tomentosum (Snowin Summer). Silvery white foliage, white flowers, 16 in.	¼ oz., 40c	.25	1.20
Cheiranthus Allioni. Brilliant yellow, 16 in., lb., \$3.00		.10	.40
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in.	¼ oz., 60c	.25	2.00
Linifolius. Lilac, 18 in.	¼ oz., 25c	.15	.80
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft. . . . .		.15	.80
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower.	3 to 4 ft.	.15	.80
Torreyi. Brick-red, 4 ft. . . . .		.15	.80
Hybrida. Mixed. . . . .		.15	.80
Nana. Mixed, 16 in.	¼ oz., 40c	.25	1.40
Chrysanthemum Leucanthemum Maximum Avalanche. Forms compact bushes 2 ft. high, above dark green foliage appear a profusion of large white Marguerites, practically covering the plant.	¼ oz., 40c	.25	1.40
Leucanthemum (Spring Marguerite). Early floriferous, 36 in., "Mother's Day."	lb., \$6.00	.15	.60
Maximum Perfection (Ox-Eye Daisy) 36 in. lb., 4.00		.10	.40
King Edward VII. Large, white, 36 in.	lb., 5.00	.15	.50
Laciniatum, Comet Marguerite. White, 36 in. . . . .		.25	1.20
Mrs. C. Lothian Bell. Single white, 3 ft.	¼ oz., 40c	.25	1.20
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. . . . .		.15	.80
Conqueror (Victor). Giant flowered white ¼ oz., 25c		.15	.80
Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft.	½ oz., \$1.00	.50	...
Clematis Paniculata. White.	lb., \$3.20	.10	.40
Recta. Splendid cut-flowers, white, 4 ft.	lb., 5.00	.25	.50
Recta Grandiflora. Flowers much larger than those of the type and pure white.	lb., \$14.00	.25	1.00
Columbine. See Aquilegia.			
Coreopsis Lanceolata Grandiflora. Golden-yellow, 3 ft.	lb., \$3.00	.10	.30
Lanceolata Grandiflora Fl. Pl. (Semi-Double-Flowering Coreopsis), 3 ft.	lb., \$5.20	.15	.50
Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft.	¼ oz. 40c	.25	1.20
Mayfield Giant. Taller and more vigorous than the type, with longer and firmer stems and larger individual blooms of which the ray petals are broader and form a more perfect corolla. ¼ oz., 40c		.25	1.20
Grandiflora Perry's Variety. Flowers are larger than those of the type and are semi-double, the ray florets, rich golden-yellow in color being in two layers. . . . .		.50	....

Rock Plants are followed by X and the heights given are of the plants when in bloom.

	Trade	pkt.	Oz.
COREOPSIS —Continued			
Verticillata. Heads of rich golden-yellow flowers, the ray florets numbering eight to ten, ¾ of an inch long and ½ in. wide. Leaves have a delightful feathery appearance, 18 in.			
Corydalis × Cheilanthisfolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 20 in. ¼ oz., \$1.60		\$0.50	....
Lutea. × Gray-green foliage, golden-yellow flowers, constantly in bloom all summer, 1 ft. ½ oz., \$1.20		.50	....
Crucianella × Stylosa. Light red, 18 in. . . . .		.15	\$0.80
Cyclamen × Europacum. The well known red flowering Alpine violet. August-Sept. 4 in. (300 seeds)		.50	....
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.			
Daisy, Shasta, Alaska. Best white, American-grown, 40 in.	¼ oz., 30c	.15	1.00
Diener's Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms for over a period of several months. . . . .		.50	....
Westralia. Very large and early. White. 40 in.	¼ oz., 30c	.15	1.00
White Lady. Double and semi-double. Early.	½ oz., 80c	.25	2.80

DELPHINIUM

Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.	¼ oz., 85c; lb., \$38.00	.50	3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period.	lb., \$60.00; ¼ oz., \$1.50	.75	5.00
Wrexham Strain. Art shades.	¼ oz., 1.65	.75	6.00
Deep Blue Shades.	¼ oz., 1.65	.75	6.00
Light Blue Shades.	¼ oz., 1.65	.75	6.00
Mid Blue Shades.	¼ oz., 1.65	.75	6.00
Belladonna Hybrids. 4 to 5 ft.	¼ oz., 45c	.25	1.40
Belladonna. Light Blue, 4 to 5 ft.	lb., \$18.00; ¼ oz., 50c	.25	1.60
Light Blue Improved, 4 to 5 ft.	lb., \$24.00	.35	1.80
Bellamosum. Dark blue, 4 to 5 ft.	lb., 22.00	.35	1.80

Seeds of Biennials and Hardy Perennials

DELPHINIUM—Continued

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of hybrids and has segregated different colors into various shades which we offer as follows:

	Trade	pkt.	Oz.
XXX Light Blue Shades.....	1/4 oz., 85c	\$0.50	\$ 3.00
XXX Dark Blue Shades.....	1/4 oz., 85c	.50	3.00
XXX Mid-Blue Shades.....	1/4 oz., 85c	.50	3.00
XXX Pastel Shades.....	1/4 oz., 85c	.50	3.00
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation.....	1/4 oz., \$2.25	1.00	8.00
Cardinale. Scarlet, 30 in.....	1/4 oz., 65c	.35	2.20
Chinense Album Grandiflorum. White, 36 in. lb., \$7.00		.20	.80
Azureum Grandiflorum. Blue, 36 in.....		.25	1.00
Cambridge Blue.....	1/4 oz., 65c	.35	2.40
Mixed.....	lb., \$6.00	.15	.60
Azure Fairy. Soft azure-blue, 20 in.....		.25	1.00
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.....	lb., \$7.00	.15	.70
latum Hybridum Indigo True Blue (better than D. Formosum). 5 ft.....	1/4 oz., 85c	.35	3.00
Double Hybrids. Fine mixed.....	1/4 oz., 50c	.35	1.60
Hood Acres. White. A fine American variety.....	1/8 oz., \$1.00	.50	6.00
Lamartine. Dark blue; single, 30 in.....	1/8 oz., 1.00	.50	6.00
Mrs. H. J. Jones. Single Cambridge blue, extra long spikes.....	1/8 oz., \$1.00	.50	....
Iceberg. Strong healthy grower. In the second year when the plants are fully grown the big white spikes are particularly beautiful. 4 ft.....	1/8 oz., \$1.75	1.00	12.00
Rev. E. Lascelles. Deep violet-blue, large clear white eye.....	1/8 oz., \$1.00	.50	6.00
Summer Cloud. White, fine.....	1/8 oz., 1.50	.50	10.00
Formosum. Dark blue, 5 ft.....	1/4 oz., 65c	.35	2.20
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in.....	1/4 oz., 70c	.50	2.40
Chamois.....	1/4 oz., 85c	.50	3.00
Lemon Gem. 18 in.....	1/4 oz., \$1.20	.50	4.00
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.....	1/4 oz., \$1.30	.50	5.00
Clark's Hybrids. From an Eastern specialist's collection; a wonderful range of color.....	1/4 oz., \$1.25	.50	4.80
Gold Medal Hybrids. An extra choice strain.....	lb., 12.00	.25	1.00
Vaughan's Special Mixture. Perennial varieties.....		.50	4.00

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in.....	.25	1.40
Roseus. Pink.....	.15	1.20
Nigrescens. Almost black.....	.15	1.20
White.....	.15	1.00
Double Mammoth Flowered. Mixed.....	lb., \$16.00	.25 1.20
Double Mixed.....	lb., 6.00	.15 .60
Single Albus. White.....	.15	.50
Blood-red (Atrosanguineus).....	.15	.50
Copper-Red.....	.15	.80
Diadematus. Crimson with white eye.....	.15	.60
Johnson's Giant. Mixture of large-eyed, dark.....	.15	.80
Nigrescens. Very dark, almost black.....	.15	.50
Pink Beauty (Newport Pink). Salmon-rose.....	lb., \$8.00	.15 .80
Purple Beauty. Bright deep purple.....	1/4 oz., 80c	.25 .50
Roseus. Delicate pink.....	.15	.50
Scarlet Beauty. Scarlet.....	lb., \$8.00	.15 .80
Turkey-Red.....	.15	.80
Single Dwarf Mixed varies.....	.15	.80
Mammoth Flowered. Single mixed.....	lb., \$ 6.00	.15 .60
Vaughan's Special Mixture.....	lb., 10.00	.20 1.00
Barbatus X Chinensis (Annual Sweet William). Mixed.....	lb., \$5.00	.15 .60

DIANTHUS LOVELINESS

A new hardy plant for Garden or Rockery. Flowers are a heavenly mauve, richly perfumed. Sow thinly in boxes, in frames during July and August, transplant into other boxes, pot off in September into 3 inch pots, grow on in a cool, airy house or frame, potting into 5 inch pots in January in which they will flower from April to July. 50 seeds, \$1.00.



SWEET WILLIAM (*Dianthus Barbatus*)

DIANTHUS PLUMARIUS—CLOVE PINKS

	Trade	pkt.	Oz.
Plumarius. X Single mixed, 20 in.....	lb., \$3.00	\$0.10	\$0.30
Double. Fine mixed.....	1/4 oz., 40c	.20	1.20
Dwarf Rose.....	1/16 oz., \$1.20	.50	....
Dwarf White.....	1/16 oz., 1.00	.50	....
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.....	1/4 oz., 90c	.50	3.20
Scoticus fl. pl. Double-Scotch. Mixed. A choice strain.....	1/4 oz., \$1.20	.50	....
Cyclops. Best single.....		.15	.60
Cyclops. Red Hybrids.....	1/4 oz., 30c	.20	1.00
Cyclops. Double Mixed.....	1/8 oz., 75c	.35	....
Semperflorens. Single Mixed, 15 in.....		.15	.50
Double and Semi-Double Mixed.....	1/4 oz., 25c	.15	.80
Diadematus. Rose sprinkled white.....		.15	.60
Albus Plenus. Double white.....	1/4 oz., 60c	.25	2.20
Highland Queen. Lustrous scarlet vermilion color.....	1/8 oz., \$1.50	.50	....
Highland Queen Rose Hybrids.....	1/8 oz., 1.00	.50	....
Nanus fl. pl. Double Early-Flowering. Dwarf Mixed 10 in.....		.25	1.40
Mrs. Sinkins. Double white.....		.75	....
Peacock. Fringed.....		.15	.60
Vaughan's Special Mixture.....	1/4 oz., 60c	.35	2.00

DIANTHUS—SORTS

Allwoodii X 18 in... 100 seeds, \$1.00; 1,000 seeds, \$8.00	....	....
Alpinus X Blooms first year from seed. 4 to 8 in. 100 seeds, 50c; 1,000 seeds, \$4.00	....	....
Arenarius. Sand Pink. Small white fringed flowers. 8 in.....	1/4 oz., 75c	.35
Caesius (Cheddar Pink). X Dense tufts of glaucous blue foliage and large rose-colored flowers, July, 6 in.	1/4 oz., 50c	.25 1.80
Deltoides Brilliant (Maiden Pink). X Rose, 8 in.	1/4 oz., 40c	.25 1.40
Major Stern's Variety. Bright crimson, dark foliage. ....		....
Dentosus Hybridus (Amoor Pink), 8 in.....		.20 1.00
Graniticus. X Carmine. 9 in.....	1/4 oz., 40c	.25 1.40
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high....		.20 1.00
Neglectus X (Glacier Pink). Fiery red, 3 in.....		....
..... 1000 seeds, \$2.80; 100 seeds, 35c	....	....
Sweet Wivelsfield. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft.....	1/4 oz., 25c	.15 .80
Best rock work species mixed X.....	1/4 oz., 60c	.35 2.00
Winteri. A new pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in.....		.75

Rock Plants are followed by X and the heights given are of the plants when in bloom.



EUPHORBIA Myrsinites

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Dicentra Eximia. (Plumy Bleeding Heart) Dwarf. 12 in.....	\$0.35	.....
Dictamnus Fraxinella (Gas Plant). Pink, 30 in. .....lb., \$14.00	.25	\$1.20
Fraxinella Albus. White, 30 in.....	¼ oz., 40c	.25 1.20
Dielytra Spectabilis. (Bleeding Heart.) 32 in.....	.50	5.00
DIGITALIS (Foxglove)		
Canariensis. Canary-yellow, 3 ft.....	¼ oz., 60c	.25 2.00
Hybrida Lutzii. New, salmon hybrids, 4 ft.....	¼ oz., 40c	.25 1.20
Gloxiniaflora. Spotted flowers, mixed, 4 ft.....	lb., \$4.20	.15 .40
Alba, White.....	lb., 4.80	.15 .50
Purple.....	lb., 4.80	.15 .50
Rose.....	lb., 4.80	.15 .50
Isabellina. New, light chamois.....	¼ oz., 45c	.25 1.40
The Shirley Hybrids, 6 to 7 ft.....	lb., 5.00	.15 .50
Grandiflora. Chrome-yellow (Ambigua), 36 in.....	lb., \$8.00	.15 .80
Maculata Iveryana. Spotted varieties, 4 ft.....	.....	.15 .60
Purpurea. 4 ft.....	.....	.10 .40
Nonstrosa, Mixed, 3 ft.....	lb., \$6.20	.15 .60
Mixed.....	lb., 4.00	.10 .40
Vaughan's Special Mixture.....	lb., 6.00	.15 .60
Dodecatheon Meadia. Shooting Star, 1 ft. ⅛ oz., 60c	.35	4.00
Doronicum Caucasicum. Yellow, early, 2 ft.....	1.00	.....
Plantagineum Excelsum. Large golden-yellow, daisy-like flowers, 3 ft.....	.....	.....
Bunch of Gold. Bright canary colored, long stemmed Marguerites, May and June, 24-32 in.....	.75	.....
Echinacea Angustifolia. A native wild flower. Pink narrow leaved, 3 ft.....	¼ oz., 40c	.25 1.40
Purpurea Hybrida (Cone Flower). Mixed. ¼ oz., 40c	.25	1.60
Purpurea. Purple Cone Flower, 40 in.....	lb., \$15.00	.25 1.20
Echinops (Globe Thistle) Ritro. Violet, 5 ft. lb., 3.00	.10	.30
Sphaerocephalus. Light blue, fine for winter bouquets, 6 ft.....	.....	.10 .30
Edelweiss. X Large-flowered, 6 in.....	⅙ oz., \$1.00	.50
Sibiricum. Large fine blooms, 9 in.....	⅙ oz., 1.30	.50
Eremurus Robustus, 7 ft.....	.....	.....
..... 100 seeds, 30c; 1000 seeds, \$2.40	.....	.....
Himalaicus..... 100 seeds, 30c; 1000 seeds, 2.40	.....	.....
Mixed.....	¼ oz., 70c	.35 2.40
Erigeron Speciosus Hyb. Grandiflorus. Rosy-lilac, 30 in.	¼ oz., 50c	.25 1.65
Speciosus Hybridus Semi-plenus, semi-double lavender, varies 1½ ft.....	¼ oz., 80c	.50 2.80
Grandiflorus Elatior. Rosy, 24 in.....	¼ oz., 55c	.25 2.00
Erinus X Alpinus. Purple, for borders, 6 in. ⅙ oz., \$1.40	.50	.....
Eryngium Amethystinum. Amethyst-blue, 3 ft.....	.....	.....
.....	¼ oz., 60c	.35 2.00
Alpinum. The prettiest of this thistle-like group; stems and flower-heads of a splendid steel-blue color. June-July, 32 in.....	¼ oz., 60c	.35 2.00
Planum. Dark blue, 4 ft.....	.....	.15 .50
Erysimum Pulchellum. Sulphur yellow, 12 in.....	.35	2.40
Eupatorium Coelestinum. Sky-blue, 24 in.....
Fraseri. White, 2 ft.....20 1.00
Purpureum. Wine-red, floriferous, 4 ft.....15 .80

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	Trade pkt.	Oz.
Euphorbia Corollata. Pure white flowers, 2 ft.....
.....	¼ oz., 80c	\$0.35 \$3.00
Myrsinites. Grey trailer heads of yellow flowers, 3 in.	¼ oz., \$1.20	.50
Polychroma. The flowers are bright yellow changing to a rosy-bronze. 15 to 18 in.....	⅜ oz., \$1.20	.50 8.00
Fragaria Indica. Scarlet fruited strawberry, for hanging baskets, 2½ ft.....	.....	.25 1.20
Francoa Ramosa Hybrida. Bridal Wreath. Pure white elegant flowers, 2½ ft.....	.....	.75

FORGET-ME-NOT X (Myosotis)

Alpestris. Blue, 12 in.....	lb., \$5.00	.15 .50
"Blue Basket." This is the darkest of all Forget-Me- Nots. Plants grow upright and are splendid for borders or cutting.....	¼ oz., 65c	.35 2.20
Blue Eyes. Compact grower, flowers appear early, large bright blue with white eye.....	¼ oz., 60c	.35 2.00
Indigo Blue (Royal Blue),.....	12 in. ¼ oz., 25c	.15 .80
Blue Compacta.....	¼ oz., 40c	.25 1.20
Messidor. Deep blue, late-blooming, 12 in.....	¼ oz., 40c	.25 1.40
Rosea. 12 in.....	.....	.15 .80
White, 12 in.....	.....	.15 .60
Mixed, many kinds.....	.....	.15 .50
Victoria. Dwarf globular strain, 8 in:	.....	.....
Sky Blue. Excellent variety.....	¼ oz., 40c	.25 1.20
Indigo Blue. Fine dark blue.....	¼ oz., 60c	.35 2.00
White.....	¼ oz., 40c	.25 1.40
Rosea. Pink.....	¼ oz., 70c	.35 2.40
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft.....	¼ oz., 50c	.25 1.80
Pink Bouquet. A companion to the above, only the flowers are a charming pink. 1 ft.....	¼ oz., 50c	.25 1.80
Indigo Blue Bouquet. Same type as above with rich dark blue flowers. 1 ft.....	¼ oz., 50c	.25 1.80
Dissitiflora. Rich blue, early and compact, 1 ft.....	.....	.....
.....	¼ oz., \$1.00	.35 3.80
Annemarie. Of compact growth, deep green foliage. The flowers are of deepest blue and freely produced.....	.....	.....
Palustris. The true Swamp Forget-Me-Not. ¼ oz., 50c	.25	1.80
Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft.....	¼ oz., 50c	.25 1.80
Oblongata Perfecta. Vaughan's Early and Late Flower- ing. Skyblue flowers with a white center, 1 ft.	¼ oz., 30c	.15 1.00
Blue Bird. A beautiful winter-flowering Forget-Me- Not, 1 ft.....	¼ oz., 90c	.35 3.40
Hybrida Isolde Krotz. Bright blue; good for pots, 10 in.....	.....	1.00
Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in.....	⅙ oz., \$1.00	.50
Marga Sacher. Deep sky-blue. Flowers measure 2-5 to 3-5 inches across, 10 in.....	.....	.50
Star of Love. Dwarf blue, 8 in.....	⅛ oz., \$1.00	.50

GAILLARDIA Grandiflora

Burgundy. Shining wine-red flowers about 2½ in. in diameter, on long stiff stems, from June until Fall. Comes 60% to 70% true from seed, 30 in.....	.....	.....
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft.....	¼ oz., 45c	.25 1.40
Portola Hybrids. The flowers are very large. The petals being very broad and overlapping, of great sub- stance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft.....	¼ oz., 45c	.25 1.40
Standholder. Large flowers, yellow bordered, and with lighter or darker red wings around the center. The petals are broad, but occasionally tubular with an inclination to doubleness. Blooms early. 3ft.....	.....	.25 1.40
Sibylla. Flowers large, vivid carmine, tipped white, with dark crimson center.....	.....	.20 1.00
Semi-plena. Semi-double varieties mixed, 3 ft ¼ oz., 50c	.25	1.40
Tangerine. Large orange-colored flower.....	¼ oz., 50c	.25 1.80
Torchlight, Golden yellow, rich maroon center. 2 ft... .....	.....	.50
Compacta. Mixture of dwarf varieties, 16 in.....	.....	.15 .80
Large-flowering sorts, mixed, 3 ft.....	lb., \$4.00	.10 .40
New Hybrids, mixed.....	lb., 6.00	.15 .60

Galega Bicolor Hartlandi. White and lilac, 3 ft.....	.15	.50
Gentiana Acaulis. Gentian-blue, fine, 5 in. ¼ oz., 75c	.35	2.80
Lutea. Yellow, 40 in.....	¼ oz., 40c	.25 1.20

Seeds of Biennials
and Hardy Perennials



HEUCHERA Sanguinea



HOLLYHOCK Chater's Double



LATHYRUS Latifolius (Perennial Pea)

Geum Coccineum Atrosanguineum Pl. X Semi-double, orange-red, 2 ft.	Trade pkt. ¼ oz., 40c	Oz. \$0.25	\$1.20
Coccineum Fl. Pl. Mrs. Bradshaw. X Glowing red. 2 ft.	¼ oz., 50c	.25	1.80
Lady Stratheden X (Golden Ball). The blooms are a rich golden-yellow. 2 ft.	¼ oz., 60c	.35	2.00
Borisii . X Neat tufts of evergreen foliage, large flowers brilliant scarlet in bloom from June till late autumn, 16 in.	¼ oz., \$1.20	.50	4.00
Sibiricum . Reddish-orange, 6 in. . . . .		.50	2.00
Mixed.	¼ oz., 60c	.35	2.00
Gilia Coronopifolia (Ipomopsis Elegans Mixed). 3½ ft. (Standing Cypress.) Very leafy, the divisions being needle-like about one inch long. The flowers are 1½ inches long, trumpet-shape borne along the side of the summit of the stem. The colors include vermilion, salmon, apricot, rich pinks and pure yellow. A biennial. . . . .		.15	.80
Coronopifolia Red.	½ oz., \$1.00	.50	8.00
Globularia Trichosantha (Globe Daisy). Dwarf growing with round or globular shaped flowers of pale blue. 12 in.	½ oz., \$1.20	.50	1.80
Golden Rod (Solidago Canadensis) 5 ft.	¼ oz., 50c	.25	

Grasses, Ornamental

Arundo Donax . 8 to 10 ft. . . . .	.15	.60
Erianthus Ravennae . Plume Grass. 6 to 8 ft. . . . .	.10	.40
Eulalia Japonica . 6 ft. . . . .	.10	.50
Eulalia Japonica Zebrina . 5 ft. . . . .	.15	1.00
Festuca Glauca . True blue grass with dense glaucous tufts. . . . .	.25	1.60
Gymnorrhix Latifolia . 3 to 4 ft. . . . .	.10	.40
Gynerium Argenteum. . . . .	.10	.40
Stipa Pennata . Feather Grass. 2 ft. . . . .	.35	2.40
Uniola Latifolia . Spike Grass. 3 ft. . . . .	.15	.60

Gunnera Manicata . Ornamental foliage plant. 5 ft. . . . .	.75	....
Gypsophila Acutifolia . Lilac pink, 4 ft. . . . .	.15	.80
Paniculata . White, 40 in.	lb., \$4.00	.15 .40
Fl. Pl. (30 to 40% true), 40 in.	¼ oz., 85c	.50 3.00
Snow-white Double , 2 ft.	¼ oz., \$1.20	.50 4.00
Manginii . Rosy-white, 2 ft. . . . .		.15 .60
Pacific . Tiny pink blossoms on branching panicles. 4 ft.	¼ oz., \$1.20	.50 4.00
Repens X Dwarf, for rockwork. White, 6 in. . . . .		.25 1.20
Rosea . Pink.	¼ oz., 70c	.25 2.40
Helenium Autumnale . Yellow.	¼ oz., 90c	.35 3.20
Autumnale Hybr. Nanum Praecox. Early-blooming hybrids in bronze and crimson shades. July-Sept. 3 ft.	½ oz., \$1.20	.50

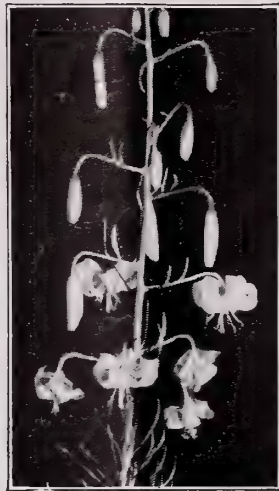
HELENIUM —Continued	Trade pkt.	Oz.
Bigelowi . Yellow, for cutting, 20 in.	¼ oz., \$1.00	\$0.50 \$3.60
Hoopesi . Yellow, 30 in. . . . .		.15 .60
Riverton Beauty . Lemon-yellow, 4 ft.	¼ oz., 60c	.35 2.00
Riverton Gem . Crimson and old gold. 3½ ft.	¼ oz., \$1.20	.50 4.00
Helianthemum X Mutabile (Rock Rose). Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Mixed colors. 8 to 12 in. . . . .		.20 .80
Helianthus (Sunflower) Maximilianus. Early-flowering, yellow. 3 ft.	¼ oz., 80c	.25 3.00
Angustifolius . Autumn Glory. Yellow, free-blooming. Good cut-flower, 3 ft. . . . .		.20 1.00
Harvest Moon (Laetiflorus). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color. Sept. 4 ft.	½ oz., \$1.00	.35
Rigidus Daniel Dewar. Semi-double, golden-yellow flowers. July-August. 4 ft.	½ oz., \$1.00	.50
Perennial Varieties . Mixed.	¼ oz., 75c	.35
Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft. . . . .		.15 .60
Laevis Soleil d'Or. Golden yellow, 5 ft. . . . .		.15 .60
Scabra Zinniaeflora. Yellow, semi-double, 3 ft. . . . .		.15 .80
Helleborus Niger . Christmas Rose. Seed germinates very slowly. 15 in. . . . .		.15 .60
Hesperis Matronalis (Sweet Rocket), red, 40 in. lb., \$2.00		.10 .20
Matronalis Alba . White, 40 in.	lb., 2.00	.10 .20
Mixed.	lb., 2.00	.10 .20
Heuchera X Sanguinea. Crimson, 30 in. ¼ oz., 1.20		.50 4.40
Sanguinea Splendens . Bright vermilion. ¼ oz., 1.20		.50 4.40
Hybrida Grandiflora . Mixed, 30 in. ½ oz., 1.00		.50
Maxima . Crimson, 30 in. . . . .		.50
Brizoides . Bright rose, 30 in.	¼ oz., 1.25	.50 4.80
Hibiscus Giant Yellow Sunset or Golden Bowl, 2 ft. . . . .		.15 .50
Crimson Eye . White with red eye, 4 ft. . lb., \$6.00		.15 .60
Mallow Marvels . Mixed, 4 ft.	lb., 4.00	.10 .40
Red , 4 ft.	lb., 6.00	.15 .60
Rose	lb., 6.00	.15 .60
Hieracium X Villosum. Yellow, silvery leaves, 12 in. . . . .		.35
Hollyhocks . Double.		
Appleblossom	¼ oz., 40c	.25 1.20
Blood Red	¼ oz., 40c	.25 1.20
Crimson	lb., 14.00 ¼ oz., 40c	.25 1.20
Lilac Beauty	¼ oz., 40c	.25 1.20
Maroon	lb., 14.00 ¼ oz., 40c	.25 1.20
Deep Rose	lb., 14.00 ¼ oz., 40c	.25 1.20
Pink	lb., 14.00 ¼ oz., 40c	.25 1.20
Newport Pink	lb., 14.00 ¼ oz., 40c	.25 1.20

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Seeds of Biennials and Hardy Perennials



LILIAM Philippinense Formosanum



LILIAM tenuifolium



LOBELIA Cardinalis

		Trade pkt.		Oz.			Trade pkt.		Oz.
HOLLYHOCKS. Double—Continued									
Salmon Rose.....lb., \$14.00	1/4 oz., 40c	\$0.25		\$1.20					
White.....lb., 14.00	1/4 oz., 40c	.25		1.20					
Yellow.....lb., 14.00	1/4 oz., 40c	.25		1.20					
Chater's Prize. Double Mixed.....lb., \$10.00		.25		1.00					
Imperator, Improved. New formation, collar of fringed and fringed edges.....	1/4 oz., 50c	.25		1.60					
Queen of Sheba. Primrose with rose.....	1/4 oz., 50c	.25		1.40					
Triumph. Double waved and fringed flowers in delicate art shades.....	1/4 oz., 50c	.25		1.80					
Single Black, Pink, Red, Rose, Salmon, White and Yellow, each.....	1/4 oz., 35c	.20		1.20					
Single mixed.....lb., \$4.00		.15		.40					
Exquisite. Mixed colors, curled edges.....	1/4 oz., 50c	.25		1.40					
Allegheny. Mammoth-flowering, mixed.....lb., \$4.20		.15		.40					
Alameda Pink. Wonderful new single pink.....		.25		1.20					
Everblooming Single Hybrids.....lb., \$4.00		.10		.40					
Double and Single Hybrids, mixed.....lb., 5.00		.15		.50					
Vert Dwarf Double. This is a dwarf strain than the well known Chater's, the flowers are more fully double and placed very compactly on the stems.....		.35		.....				
James Vert. Blood red.....		.35		.....				
Lady Bailey. Blush pink.....		.35		.....				
Queen of the Yellows.....		.35		.....				
Horminum X Pyrenaicum. "Dragon's Mouth." Large rosettes of dull green foliage from which rise sprays of violet-blue flowers. 1 ft.....		.50		.....				
Humulus Lupulus (Common Hop).....	1/4 oz., 50c	.25		1.60					
Hyacinthus Candicans. White yucca-like flowers, 4 ft.....lb., \$6.00		.15		.50					
Incarvillea Delavayi. Rosy-carmine, 24 in. 1/4 oz., 1.20		.50		4.00					
Grandiflora. Amaranth red, 2 ft.....	1/8 oz., 90c	.50		6.40					
Brevipes. Bright deep rose. 2 ft.....	1/8 oz., 90c	.50		6.40					
Hybrida Bee's Pink. Large light rose flowers. 18 in.	100 seeds \$1.40; 1000 seeds \$12.00	.....		.....		
Inula X Ensifolia. Dwarf, golden, 12 in. 1/4 oz., 1.40		.50		.....				
Glandulosa Grandiflora. Orange. 2 ft.....	1/8 oz., 1.00	.50		.....				
Royleana. Large golden yellow ray florets. 2 ft.....	1/4 oz., 60c	.25		2.00					
Iris Kaempferi. Japanese Iris. Most seedlings bloom the second year. 18 in.....lb., \$8.00		.15		.60					
Siberian. Resembles the Spanish and English Irises.....lb., \$2.00		.10		.20					
Isatis Glauca. Foliage silvery gray-green, flowers bright yellow freely produced. 2 ft.....		.15		.60					
Kenilworth Ivy X Linaria Cymbalaria. Pink. 1/4 oz., 40c		.25		1.40					
Kudzu Vine. Pueraria Thunbergiana. Fragrant, wisteria-like flowers.....lb., \$3.00		.10		.30					
Lathyrus Latifolius. (Everlasting Pea), mixed.....		.15		.30					
Latifolius Pink Beauty, very fine, 6 ft.....lb., \$3.40		.15		.40					
Red. Magenta, 7 ft.....lb., 4.00		.15		.40					
White Pearl, 5 ft.....lb., 4.80		.15		.40					
Lavandula Vera. True Sweet Lavender.....		.15		.60					
Spica Munstead Strain. Dwarf compact blue. 1/4 oz., 65c		.25		.....				
Liatris (Blazing Star.) Spicata. Purple rose, 20 in.	1/4 oz., 40c	\$0.25		\$1.40					
Pycnostachya. Purple. Aug. to Oct., 4 ft.....		.20		1.00					
Scariosa. Rose-purple, 4 ft.....	1/4 oz., 40c	.25		1.40					
Lilium Auratum. Gold-banded Lily of Japan. 4 to 7 ft. .25		.25		1.60					
Henryi. Rich deep orange-yellow. 4 ft. 1/4 oz., \$1.45		.50		5.00					
Mrs. Backhouse Hybrids. Free flowering. Many unusual shades.....		.....		.....		
Gloriosum. Colors range from pure white, rich ivory, and cream to deep sulphur. Blooms readily second year from seed. 100 seeds, 65c; 1000 seeds, \$5.00..		.....		.....		
Philippinense Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers. Large umbels of fine white, like an Easter Lily.....lb., \$22.00; 1/4 oz., 50c		.35		1.80					
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft.....lb., \$4.00		.15		.40					
Lilium tenuifolium (Siberian Coral Lily) 20 in. ....		.....		.....	
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown. 4 ft.....	1/4 oz., 90c	.50		3.20					
Linaria. X Cymbalaria, pink, 3 in.....	1/4 oz., 40c	.25		1.40					
Alpina. X Purple blotched orange, 4 in. 1/8 oz., \$1.50		.50		.....				
Canon Want. Pretty pale pink. 2 1/2 ft.....	1/4 oz., 70c	.35		2.40					
Dalmatica. Yellow with orange lip, 36 in.....		.15		.60					
Linum Perenne (Perennial Flax). Blue. 30 in. lb., \$4.00		.10		.40					
Perenne Fl. Album. White. 30 in.....		.10		.40					
Mixed.....		.10		.40					
Alpinum X Pale blue. Prostrate habit.....		1.00		.....				
Flavum. Yellow. 1 ft.....	1/4 oz., 70c	.35		2.40					
Compactum Nanum X Glowing golden yellow, dark green foliage. Everbloomer, 6 in.....	1/8 oz., \$1.00	.50		.....				
Narbonense. Steel-blue, large-flowering. 30 in.....		.25		2.00					
Lobelia Cardinalis (Cardinal Flower). 36 in. 1/4 oz., \$1.20		.50		4.00					
Syphilitica. Blue, 24 in.....	1/4 oz., 60c	.25		2.00					
Lunaria Biennis Alba (Honesty or Peter's Pence) 40 in.....lb., \$6.00		.15		.60					
Biennis. Crimson, 4 ft.....lb., 6.00		.15		.60					
Mixed.....lb., 4.40		.15		.50					
Lupinus Polyphyllus.									
Albus. Large, pure white spikes. 2 to 3 ft.....lb., 3.20		.10		.30					
Arms of Enkhuizen. Creamy white.....	1/4 oz., 40c	.25		1.20					
Atrioviolaceus. Large dark blue, new.....	1/4 oz., 60c	.35		1.80					
Blue. Stately spikes of blue, 3 ft.....lb., 2.60		.10		.25					
Chocolate Soldier. Yellow, passing to chocolate.....	1/4 oz., 85c	.35		3.00					
C. M. Prichard. Pale salmon-orange with yellow.....	1/4 oz., 85c	.35		3.00					
Luteus. A strain of varying yellow shades. 1/4 oz., 40c		.15		1.20					
Salmeus. Tender salmon shades.....	1/4 oz., 60c	.25		2.00					
Sunshine. (Arboreus Type), Golden yellow, 30 in.....lb., \$6.00		.15		.60					
The Bride. Lightest pink, nearly white.....	1/4 oz., 30c	.15		1.00					
Moerheimi. Beautiful soft pink, 2 to 3 ft.....lb., 6.00		.15		.60					

Rock plants are followed by X and the heights given are of the plants when in bloom.



LUPINUS Polyphyllus



LYCHNIS Chalcedonica



POPPY Nudicaule or Iceland

Seeds of Biennials and Hardy Perennials

LUPINUS Polyphyllus—Continued	Trade pkt.	Oz.
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate.	.lb., \$5.00	\$0.15 \$0.50
Downer's Hybrids. Perpetual flowering new hybrids.	.lb., \$5.00	.15 .50
Rosus. Light and dark rose flowers, 3 ft.	.lb., 6.00	.15 .50
Lavender Queen. Lavender tinted pink, 3 ft.	.lb., 6.40	.15 .60
Princess Juliana. Lovely pink, 3 ft.	.lb., 8.00	.15 .80
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins; English and other European strains being chosen to give the utmost variety.	.lb., \$12.00; ¼ oz., 30c	.20 1.00
Mixed. Splendid value.	.lb., 2.40	.10 .25
Lychnis Alpina. X Rose, 12 in.	¼ oz., \$1.00	.50
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft.	¼ oz., 40c	.25 1.20
Chalcedonica Alba. White. 36 inch.	.lb., \$4.20	.15 .80
Salmon Queen. Beautiful salmon shade. 3 ft.	¼ oz., 40c	.25 1.40
Scarlet, 36 in.	.lb., \$4.20	.15 .40
Haageana Hybrida. Mixed, extra choice, 18 in.	¼ oz., 45c	.25 1.60
Scarlet, 18 in.	¼ oz., 50c	.25 1.80
Viscaria Splendens. Early, deep rose, 16 in.	.lb., \$12.00	.15 1.00
Lythrum Roseum Superbum. Rose-pink, 40 in.	.lb., \$5.00	.15 .80
Malva Moschata. Rose, 3 ft.	¼ oz., 50c	.15 .60
Matricaria Capensis Alba Plenissima. Best white, 24 in.	.lb., \$5.00	.15 .50
Golden Ball. Yellow. 8 in.	¼ oz., 50c	.25 1.80
Snowball. Pure White, 8 in.	¼ oz., 50c	.25 1.80
Monarda Didyma Cambridge Scarlet. Brightest glowing scarlet. July-August, 30 in.	¼ oz., \$1.20	.35 .60
Hybrida. Mixed. 36 in.	¼ oz., .60	.25 2.20
Myosotis. See Forget-Me-Not.		
Nepeta Mussini. X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft.	¼ oz., 50c	.25 1.80
Nervosa. Clear light blue flowers.	¼ oz., 85c	.35
Souvenir d'Andre. Chaudron. Bright blue 24 in.	¼ oz., \$1.00	.50
Oenothera Clutei. From a large rosette of basic leaves it throws up a stout central stalk some 4 ft. in height bearing in great profusion large flowers of a soft yellow hue.	¼ oz., 25c	.10 .65
Fraseri. Deep yellow. 24 in.	¼ oz., 65c	.25 .25
Macrocarpa. Yellow, June-Sept. 6 in.	¼ oz., 70c	.35 2.60
Speciosa Rosea. White turning to pink. Fragrant. 2 ft.	.lb., \$12.00	.35
Trichocalyx. The plant is compact and branching. Large flowers of pure white, with golden anthers. 15 in.	¼ oz., 90c	.35
Youngiei. Large yellow bloom. 18 in.	¼ oz., 90c	.35 3.20

Papaver (Poppy) Alpine. X Mixed, 10 in.	Trade pkt.	Oz.
Bracteatum. Scarlet, 32 in.	¼ oz., 70c	\$0.35 \$5.20
Nudicaule X (Iceland). Mixed, 16 in.	.lb., 6.00	.15 .60
Yellow, Orange and White and Sulphureum, each	.lb., 8.00	.20 .80
Coonara Pink, 1½ ft.	¼ oz., 70c	.35
El Monte. Deep tangerine orange.	¼ oz., 60c	.25 2.00
Fakenham Hybrids. The flowers are 2½ to 3 in. in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering and lasts exceptionally well as a cut flower, 2 ft.	¼ oz., 70c	.25 2.40
Gibson's Giant Orange, 2 ft.	¼ oz., 40c	.25 1.40
Double Mixed.	¼ oz., 50c	.25 1.60
Sunbeam. Deep yellow, 1½ ft.	¼ oz., 50c	.25 1.60
Orange.	¼ oz., 50c	.25 1.60
White.	¼ oz., 50c	.25 1.60
Mixed.	.lb., 6.00	.25 1.40
Orientele (Oriental Poppy). Scarlet, 3 ft.	.lb., 6.00	.15 .60
Brilliant. Brilliant fiery-red, 40 in.	¼ oz., 50c	.25 1.60
Beauty of Livermere. Dark oxblood	¼ oz., 70c	.35 2.40
Carneum. Light and dark salmon pink shades. 70% true. 40 in.	¼ oz., 70c	.35 2.40
Goliath. Brilliant scarlet.	¼ oz., 60c	.25 2.00
Mahoney. Maroon-crimson. 40 in.	¼ oz., 90c	.35 3.20
Mrs. Perry. Salmon-rose.	½ oz., 1.20	.50
Perry's White, 2 ft.	½ oz., 1.00	.50
Princess Victoria Louise. Soft salmon-rose. 40 in.	¼ oz., 60c	.25 2.00
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft.	.lb., \$12.00	.50
Hybrids. Many varieties, mixed.	.lb., \$12.00	.20 1.00
The named varieties of Oriental Poppies do not come 100 per cent true from seed.		
Pilosum. Salmon color, 1½ ft.	¼ oz., 60c	.25
Pentstemon. Large-flowering hybrids, mixed	¼ oz., 50c	.25 1.80
Heterophyllum, Blue Gem. X Flowers bright blue. June to August, 1 to 2 ft.	¼ oz., 60c	.25 2.00
Cobaea. Large lavender-mauve flowers, handsome border plant. 18 in.	¼ oz., 70c	.25
Digitalis. White tinted violet, 36 in.	.lb., \$12.00	.15 .80
Glaber. Blue, 36 in.	.lb., \$12.00	.25 1.60
Grandiflorus. Excellent, easily-grown, long lasting cut-flower. Lavender-blue. 3 ft.	¼ oz., 70c	.25 2.40
Pubescens. Reddish blue, lips white, 18 in.	¼ oz., 50c	.25 1.80
Phlox Decussata. Perennial varieties mixed. Seed germinates slowly. 3 ft.	.lb., \$16.00	.25 1.40
Divaricata. A native species, fragrant lavender flowers in April, prefers shade, 10 in.	.lb., \$12.00
Physalis Francetti (Chinese Lantern Plant),	lb., 8.00	.20 .80

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PRIMULA Veris (Polyanthus)



PRIMULA Cashmiriana



PRIMULA Auricula

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.	
Physostegia Virginica. Rosy-lilac, 4 ft.	1/4 oz., 40c	\$0.25	\$1.40
Virginica Alba. White, 36 in.	1/4 oz., 45c	.25	1.60
Compacta. Dwarf, rose.	1/4 oz., 60c	.25	2.00
Gigantea. Lilac-rose, 4 ft.	1/4 oz., 50c	.25	1.80
Platycodon Grandiflorum. Blue, 28 in. . . . .		.15	1.00
Grandiflorum Early Flowering Blue. 28 in.	1/4 oz., 65c	.25	2.40
Alba. White, 28 in.	1/4 oz., 40c	.25	1.40
Mixed, 28 in.	1/4 oz., 40c	.25	1.20
Early Flowering White. 28 in.	1/4 oz., 65c	.25	2.40
Early Flowering Giant Blue.	1/4 oz., 70c	.35	2.40
Mariesii. Dark blue, dwarf, 16 in.	1/4 oz., 80c	.35	2.80
Alba. White and faint blue, dwarf, 16 in.	1/4 oz., 80c	.35	2.80
Polemonium Coeruleum. Jacob's Ladder. Blue, 30 in. . . . .		.15	.50
Coeruleum Album. White, 30 in.	1/4 oz., 25c	.15	.80
Prima Donna. Dwarf, delicate blue, 12 in. . . . .		.15	1.00
Reptans X Pale bluish-purple, 6 in.	1/4 oz., 85c	.35	3.00
Richardsoni. Dwarf, blue, early, 20 in. . . . .		.15	.80
Polyanthus. (See Primula Veris),			
Potentilla Formosa X Light red, 12 in.	1/4 oz., 50c	.25	1.80
Nepalensis X Miss Willmott. Bright carmine, 12 in. . . . .		.25	1.80
Roxana. Brilliant salmon with darker veins, 18 in. . . . .		.50	....
Rupestris X. White, 12 in.	1/4 oz., 50c	.25	1.80
Double Mixed, 20 in.	1/8 oz., \$1.20	.50	8.00
Single Mixed, 26 in.	1/4 oz., 30c	.15	1.00

PRIMULA

Auricula. X Extra choice mixed, 6 in.	1/8 oz., 80c	.35	4.80
Large Flowering. Mixed, 6 in.	1/8 oz., \$1.00	.50	....
Giant Flowered. Mixed, 6 in.	1/8 oz., 2.00	1.00	....
Beesiana. X Purple large yellow eye. 16 in.	1/8 oz., 1.00	.50	....
Bullesiana Hybrida. X Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	1/8 oz., \$1.40	.50	....
Bulleyana. Flowers yellow, bud terra-cotta	1/8 oz., 85c	.50	....
Cashmiriana. Lilac, early, hardy, 12 in.	1/32 oz., \$1.80	.75	....
Cortusoides. Rose, 10 in.	1/8 oz., 1.40	.50	....
Denticulata Hybrida Grandiflora X. 12 in.	1/16 oz., 1.20	.50	....
Alba. . . . .		.50	....
Floribunda Grandiflora. Yellow, for pots. 1 ft. . . . .		.75	....
Florindae. Fragrant, bright yellow pendant flowers. 3 to 4 ft.	1,000 seeds, \$1.00		....
Helodoxa. Tall slender spikes of golden yellow flowers. 2 ft.	1,000 seeds 50c,		....
Hybrida Red Hugh. X Intense fiery red flowers produced in tiers growing to two feet in height. June . . . . .		.50	....
Japonica. All Red X 1 1/2 ft.	1/16 oz., \$1.00,	.50	....
Japonica Mixed. X White, purple, black and carmine, spring, 15 in.	1/4 oz., 85c,	.50	3.00
Japonica. X Special strain. 20 in.	1/16 oz., \$1.40	.75	....
Pulverulenta. X Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in.	1/8 oz., \$1.00	.50	....
Bartley Strain. Beautiful shades of rose and pink, 3 ft.	1/32 oz., \$1.00	.50	....

PRIMULA—Continued

	Trade pkt.	Oz.
Rosea Grandiflora. X Rose-carmine, May-June. 8 in.	1-32 oz., \$1.00	\$0.50
Sieboldii (Cortusoides amoena grandiflora). 10 in.	1/4 oz., \$3.00;	500 seeds 1.20
Sikkimensis. Yellow. 15 in.	1/8 oz., \$1.20	.50

PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches carrying immense heads of 15 to 25 florets, each floret 1" to 1 1/2" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rocky, or for forcing the following winter. Large heavy leaves. 100 seeds 50c; 1000 seeds \$4.00

Veris (Polyanthus). X Fine mixed. Spring. 12 in.	1/4 oz., \$1.00	\$0.35	\$3.60
Coerulea. X Dark Blue. 1 ft.	100 seeds, 40c;	1,000 seeds, \$2.50	
Grandiflora. X Mixed. 1 ft.	1/8 oz., .90	.50	6.00
Excelsior strain of large-flowering varieties.	1/2 oz., \$1.80	1.00	
Mrs. Berkeley's Strain. Very fine new race with large flowers.	1/16 oz., \$1.00	.50	....
Gigantea Teicher's Giant Mixed.	100 Seeds 75c;	1000 Seeds \$6.00	
Munstead Strain. X Flowers of largest size, fine shades including yellow and white, 12 in.	1/8 oz., \$1.20	.75	8.00
Gold-laced. Finest varieties mixed.	1/8 oz., 1.00	.35	....
Lutea. X Yellow, 12 in.	1/8 oz., 1.00	.35	....
White. 12 in.	1/16 oz., 1.00	.50	....
Red shades. 12 in.	1/16 oz., 1.10	.50	....
Vulgaris X (Acaulis). Yellow Primrose, 6 in.	1/4 oz., 80c	.35	3.00
Prunella Grandiflora Rosea. Carmine rose, 10 in. Dwarf perennial for border.	1/4 oz., 75c	.35	....
Pueraria Thunbergiana (Kudzu Vine)	lb., \$3.00	.10	.30

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zaili, Delphinium Nudicaule, Dictamnus, Dielytra, Gentiana Helleborus Niger, Incarvillea, Iris, Peony, Phlox Decussata, Primulas, Trollius and nearly all Alpines.

Rock plants are followed by X and the height given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

PYRETHRUM

	Trade pkt.	Oz.
Roseum. Pink, 30 in.....	1/4 oz., 50c	\$0.35 \$1.80
Album. White, excellent.....	1/4 oz., 60c	.35 2.00
Atrosanguineum. Dark red shades.....	1/4 oz., 70c	.35 2.40
Carneum. Flesh.....	1/4 oz., 45c	.35 1.40
James Kelway. Dark blood red.....	1/4 oz., 90c	.50 3.00
Hybridum. Single mixed.....	lb., \$14.00; 1/4 oz., 40c	.25 1.25
Grandiflorum Rubrum. Deep ruby red.	1/8 oz., \$1.50	.75
Album.....		.75
Roseum.....		.75
Grandiflorum. Mixed.....	1/4 oz., 60c	.35 2.00
Comet-Flowered. Single and semi-double with twisted petals.....	1/4 oz., 85c	.35 3.00
Double Red. A warm shade coming fairly true from seed.....	1/8 oz., \$2.00	1.00
White.....		.75
Double mixed. Extra choice.....	1/4 oz., \$1.25	.50 4.20
Double and single mixed.....	1/4 oz., 70c	.35 2.40
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft.....		.20 1.00
Tchihatchewii. (Turving Daisy). White for poor soils... 6 in.....	1/4 oz., 50c	.25 1.80
Uliginosum. White, 4 ft.....	1/4 oz., 90c	.35 3.20
Ranunculus Asiaticus Superb. Mixed. ... lb., \$6.00	.15	.60
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.....	1/4 oz., 85c	.50 3.00
Palafior. A strain selected from the Palestine and Florentine combining the best features of both and producing enormous double flowers of greatest range of colors.....	1/4 oz., \$1.20	.50 4.00
Rehmannia Angulata. Rose and red shades, 24 in.....	1/8 oz., 75c	.50 5.00
Rock Plants Perennial Mixed.	1/4 oz., 40c	.25 1.40
Romneya Coulteri (California Giant Poppy). Beautiful snowy-white fragrant flowers. 4 ft. 1/4 oz., 70c	.35	2.40
Rose Polyantha Nana Multiflora fl. pl. X. The baby rose for rock gardens, blooms early. 1/4 oz., 85c	.35	3.00
Rudbeckia Newmanii. Vivid yellow, 24 in. 1/4 oz., 45c	.25	1.40
My Joy. Large orange-yellow flowers. 1/4 oz., 75c	.35	
Purpurea (Echinacea). 4 ft.....	lb., \$15.00	.25 1.20
Fulgida. Yellow, disc dark, very free, 38 in. 1/4 oz., 25c	.15	.90
Hirta (Black-Eyed Susan) yellow, black center, 24 in.	.25	1.40
Salvia Argentea (Silver-leaved Sage). 36 in.....	.15	.60
Azurea Grandiflora. Stately willow-like growth, spikes of pale blue flowers, in fall. 4 ft. 1/4 oz., 40c; lb., \$18.00	.25	1.40

SALVIA—Continued

	Trade pkt.	Oz.
Nutans. Blue, 3 ft.....	1/4 oz., 60c	\$0.25 \$2.20
Patens. Sky-blue, 30 in.....	1/4 oz., 60c	.25 2.20
Pratensis. Dark blue, 30 in.....	1/4 oz., 50c	.25 1.60
Atro-violacea. Dark violet, 20 in.....	1/4 oz., 50c	.25 1.60
Scleara. Blue Beard. Dark blue. 1 ft.....		.15 .50
Turkestanica. White, bracts white to lilac, 4 1/2 ft. ...	1/4 oz., 50c	.25 1.80
Verbascifolia Syria. Tall spikes of dark blue flowers, hairy within and without. 5 ft.....		.25 1.80
Santolina Tomentosa. Yellow, silvery foliage, 2 ft....		.50
Saponaria X Ocymoides Splendens. Pink, trailing..		.15 .60
Officialis. Bouncing Bet. Whitish, 2 ft.....		.15 .80
Saxifraga Aizoon. X Creamy white silver braided. 6 in.		.50
Cordifolia X A fine rock plant, 24 in.....		.50
Splendens. X Vivid rose......		.75
Decipiens Grandiflora. X White, 18 in. 1/8 oz., 75c		.35
Hybrida. Bedding Queen. X Deep carmine. 8 inches.		.50
Hybrida. Purple Robe. X Carmine, with purple reflex, 8 in.....	1/2 oz., \$1.00	.50
Hypnoides X. White, trailing, 6 in. 1-16 oz., 1.00		.50
Lingulata Leichtlini. Vivid rose, 28 in. 1-32 oz., 1.80		.75
Megasea Species. Large leathery leaves with short stemmed racemes of flowers. Spring. 1/4 oz., \$1.40		.75
Rhei Superba. X Rose, May-July. 12 in.....		1-16 oz., \$1.00 .35
Sarmentosa "Mother of Thousands." 100 seeds, 25c		1000 seeds, \$2.00
Perennial Species mixed.	1/8 oz., 1.00	.35
Mossy Varieties mixed.	1-16 oz., 1.00	.50
Scabiosa Caucasica. Lavender, 40 in.....	1/4 oz., 60c	.35 2.00
Caucasica Alba. Pure white, 40 in.....		.35 2.40
Mixed.	1/4 oz., 70c	.50 2.40
Perfecta. Lavender. 40 in.....	1/4 oz., 70c	.50 2.40
House's New Hybrids. Flowers very large and of beautiful form ranging in color from light azure-blue and lavender to deep blue and silvery white. lb., \$40.00		.50 3.00
Goldingensis. Large flowers, waved petals, small center, deep lavender.....		.50
Columbaria Delicate Pink. Deep rosy-mauve. 2 ft.		1/4 oz., 60c .35 2.00
Delicate Lavender, 2 ft.....	1/4 oz., 60c	.35 2.00
Japonica. Clear blue flowers, 30 in.....		.15 .50
Scutellaria X Coelestina. Pretty blue Siberian rock plant.....	1/8 oz., \$1.00	.35
Sedum X Acre (Golden Moss). 3 in.....	1/8 oz., 85c	.25
Aizoon. Yellow with brown. 5 in.....	1/8 oz., \$1.00	.50

Trade pkt. Oz.

Anglicum. Foliage blue-green, flowers white with peach-blossom. June-July, 4 in. 1/16 oz., \$1.20	\$0.50
Hybridum. Yellow. 6 in. . . . .	.50
Middendorffianum. Creeping. Buds orange, flowers dark golden-yellow. July. 6 in.....	.50
Reflexum. Blue-green foliage, flowers yellow. Creeping. 10 in.....	.50
Spurium. Pink flowers. 5 in.....	.50
Coccineum. Brilliant deep rose, 5 in.....	1/8 oz., \$1.00 .50
Mixed	1/4 oz., \$1.00 .50
Sempervivum X Perennial species. Mixed.....	.75
Senecio Clivorum Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	1/4 oz., 70c .25
Othello. A purple foliated variety, with dark orange flowers. July-August. 4 ft.....	1/4 oz., 60c .25
Sidalcea Rose Queen. Rose, 4 ft.....	1/4 oz., 40c .25 \$1.40
Rosy Gem. Mallow rose, 18 in.....	1/4 oz., 40c .25 1.40
New Hybrids. 4 ft.....	1/4 oz., 50c .25 1.60



TROLLIUS (Globe Flower)



VALERIANA (Garden Heliotrope)

Rock Plants are followed by X and the heights given are of the plants when in bloom.



VIOLA CORNUTA HANSA

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Silene Orientalis. Dark rose, 30 in.	\$0.15	\$0.50
Alpestris X Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	1/4 oz., 70c	.35
Asterias Grandiflora. Carmine, 18 in.	1/4 oz., 50c	.25
Saxifraga. White. 10 in.	1/4 oz., 50c	.25
Schafta X Rose, July. 8 in.	1/4 oz., 50c	.25
Sisyrinchium X Anceps. Blue-eyed grass. Pretty little Iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in.	1/4 oz., 60c	.25
Solidago (Golden Rod) X Virgo-aurea Alpestris. Yellow, spring. 10 in.	1/4 oz., 80c	.35
Spergula Piliifera X A hardy evergreen suitable for grass edging or rockwork, 4 in.	1/8 oz., \$1.60	.50
Stachys Lanata. Silver leaves, purple flowers, 24 in. ....		.15
Statice Latifolia. Blue. Fine for winter bouquets. 1 ft.	1/4 oz., 30c	.20
Caspia. Large, lilac, 30 in.	1/4 oz., 60c	.35
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.	1/4 oz., 70c	.25
Incana Nana Alba. White, 14 in.	lb., \$6.00	.15
Perezii. Violet blue, 30 in.	1/4 oz., 40c	.25
Tatarica Incana. White, 18 in.	lb., \$5.00	.15
Stokesia Cyanea. Sky-blue, 16 in.	lb., \$12.00	.25
Cyanea Alba. White. 16 in.	1/4 oz., 40c	.25
Mixed. ....		.25
Teucrium (Germander) Chamaedrys. Grey foliage, spreading habit, small rose colored flowers, 8 in.	1/8 oz., \$1.20	.35
Thalictrum Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors, 40 in.	1/4 oz., 50c	.25
Adiantifolium. Flowers yellow, 18 in.	1/4 oz., 30c	.20
Dipterocarpum. Rosy purple. 4 to 5 ft.	1/4 oz., 50c	.25
Glaucum. Bronze-yellow, June, 4 ft. ....		.15
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft.	1/4 oz., .85c	.35
Thymus Serpyllum X (Wild Thyme). Creeping purple flowers, 2 in.	1/16 oz., \$1.00	.50
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant) 40 in.	1/4 oz., 50c	.25
Hybrida, Perpetual-Flowering. 3 ft. ....		.25
Express. Early-flowering, yellow. 3 ft. ....		.25
Mirabilis. Yellow, blooms first year. 3 ft.	1/4 oz., 60c	.35
Trollius Ledebouri. Orange. 2 ft.	1/4 oz., \$1.20	.50
Golden Queen. Large orange flowers in early summer. 3 to 4 ft.	1/8 oz., \$1.00	.50
Europaeus. Yellow. 20 in.	1/4 oz., \$1.20	.50
Mixed.	1/4 oz., \$1.25	.50
Put Trollius seed 30 seconds in boiling water before sowing.		
Tunica X Saxifraga. Lilac-rose, May. 10 in. ....		.15
Valeriana Alba (Garden Heliotrope). 36 in. ....		.15
Rubra (Coccinea). 36 in. ....		.15
Officinalis. Heads of rose-tinted white flowers June-July with strong heliotrope odor. 3 to 4 ft. ....		.35

	Trade pkt.	Oz.
Verbascum Miss Willmott. Large white flowers, 5 ft.	\$0.15	\$0.80
Harkness Hybrids, 7 ft. ....	.15	.80
Olympicum. Silvery foliage, golden-yellow flowers 6 ft.	1/4 oz., 70c	.35
Phoeniceum Hybrids. Mixed, 2 ft. ....	.15	.60
Veronica Amethystina X Long racemes of bright blue flowers, 1 ft.	1/4 oz., \$1.00	.35
Incana. (Tatarica). Ageratum-blue, silvery foliage, 12 in.	1/8 oz., \$1.00	.35
Spicata. Various shades, 18 in.	1/4 oz., 45c	.25
Spicata Dwarf Blue X 1 ft.	1/4 oz., \$1.00	.35
Longifolia. Compact clusters of blue flowers, 30 in.	1/4 oz., 35c	.25
Hendersoni Nana. Dark blue. 12 in.	1/4 oz., 50c	.35
Teucrium Prostrata. Mixed, 6 in.	1/4 oz., 75c	.35
Royal Blue. 1 ft.	1/4 oz., 75c	.35
Repens X Dwarf branching, pale blue, 2 in.	1/4 oz., 80c	.35
Rupestris X Dwarf and spreading. Deep blue flowers		.50
Perennial Species. Mixed.	1/4 oz., 50c	.25
Viola X Arkwright Ruby. Bright ruby crimson, shaded terra cotta with central markings; fragrant. ....		....
Bosniaca. Free-blooming, rose magenta flowers, summer, 4 in.	1/4 oz., 70c	.35
Cornuta. Admiration. Dark blue. 8 in.	1/4 oz., 50c	.25
Admirabilis. Mixture of 3 and 5 Blotched.	1/4 oz., 50c	.25
Apricot. Beautiful rich apricot shades tinged orange towards center.	1/8 oz., 75c	.50
Black Prince. 8 in.	1/4 oz., 50c	.25
Blue Butterfly. Mid-blue shading to white. ....		.35
Blue Perfection. Light blue. 8 in.	1/4 oz., 50c	.25
G. Wermig. Rich violet-blue, 8 in. ....		.50
G. Wermig Alba. White, 8 in.	1/4 oz., 60c	.35
Hansa. A clear deep violet blue, long stemmed flower. Plant of compact habit.	1/8 oz., 75c	.50
Jersey Gem. Dark blue. 8 in.	1/4 oz., \$3.70; 1/8 oz., \$2.00	.75
Lutea Splendens. Golden yellow. 8 in.	1/4 oz., 40c	.25
Mauve Queen. 8 in.	1/4 oz., 50c	.25
Papilio. Blue and white, 6 in.	1/4 oz., 50c	.25
Primrose Dame. Sulphur yellow. 8 in.	1/4 oz., 50c	.25
Puck. The 2 upper petals are clear purple-violet, the 3 lower golden-yellow. 6 in.	1/4 oz., 65c	.25
Rosea, 6 in.	1/8 oz., 50c	.35
Spring Messenger. Bright rich purple.	1/8 oz., 50c	.35
Thuringia. Dark blue, white eye. 8 in.	1/4 oz., 50c	.25
White Perfection. White. 8 in.	1/4 oz., 50c	.25
W.H.Woodgate. Pure bright amethyst violet, large, round flowers on long stems, 9 in.	1/16 oz., 90c	.50
Vaughan's Improved Scotch. Three and five blotched in splendid mixture.	1/4 oz., \$1.20	.50
Mixed.	lb., \$16.00	.25
Tufted Pansies. Finest mixture of these long and free blooming varieties, 9 in.	1/4 oz., 50c	.25
Florariense. Pale lavender.	1/8 oz., \$1.60	1.00
Gracilis, Lord Nelson. Violet-purple, 6 in.	1/16 oz., \$1.00	.50
Dark Violet Blue. Free blooming. Flowers same size and color as the Sweet Violet.	1/4 oz., 75c	.35
Johnny Jump Up.	1/4 oz., 60c	.35
Wahlenbergia. See Platycodon.		

DOUBLE ANNUAL WALLFLOWER
"EARLY WONDER"

This remarkable new Wallflower comes into bloom within 5 months from sowing; seedlings will produce beautiful, sweet scented flowers during Winter and early Spring, in the cold frame or a cool house. 2 ft.

Canary-Yellow; (Gold Standard) Golden-Yellow, flaked with brown. Dark Brown. Each. Trade pkt., 50c; 1/8 oz., \$1.00. Mixed, 1/4 oz., 50c; pkt., 25c; oz., \$1.80.

Wallflower. Double Tall Branching. Mixed. 1/4 oz., 60c	.25	2.00
Double Tall Branching, Golden yellow, Dark Brown, Violet, 2 ft. ....	.50	....
Double Tall Tree. Golden yellow, Dark Brown, Violet, 2 1/2 ft.	each, .50	....
Goliath. Early flowering single dark brown. 2 ft. ....	.10	.40
Single Mixed.	lb., \$3.00	.10
Parisian Forcing, mixed, 15 in. ....	.15	.60
Annual Blood Red or Yellow, each, 20 in. ....	.10	.40
Yucca Filamentosa (Adam's Needle) 5 ft.	lb., 3.20	.10
Glauca Angustifolia. Foliage narrow and glaucous green, June-July. 6 ft. ....	.15	.70

Rock Plants are followed by X and the heights given are of the plants when in bloom.



PRIMULA MALACOIDES ORANIENBURG

Primula Malacoides

Oranienburg

This strain originated with the Oranienburg Experiment Station near Berlin. The color is a vivid violet with yellow center. In size and constellation the flowers closely resemble Primula Obconica. They are borne on strong stems and last when cut for nearly two weeks. Like other Primula Malacoides, the plants will bloom six months from sowing, which should be done in June and July. Trade pkt., \$1.00.

Vaughan's High-Grade

Prices for Florists F. O. B. New York on ton lots. Cartage charged on smaller quantities.

SUPER PHOSPHATE. 20% bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., \$1.10; 50 lbs., \$1.75; 100 lbs., \$2.50; 500 lbs., \$12.00; 1,000 lbs., \$20.00; 2,000 lbs., \$32.00.

BONE AND BLOOD. For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. Price, 25 lbs., \$1.25; 50 lbs., \$1.85; 100 lbs., \$3.75; 500 lbs., \$17.50; 1,000 lbs., \$30.00; 2,000 lbs., \$55.00.

BONE, BLOOD AND POTASH (Analysis) 5-8-7

Excellent for mixing into potting soil or as a top dressing. Use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 500 lbs., \$15.00; 1,000 lbs., \$28.50; 2,000 lbs., \$50.00.

BONE MEAL—VAUGHAN'S ROSE GROWER

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Analysis: Nitrogen 3.7 per cent; total phosphoric acid, 20 per cent; available phosphoric acid, 9 per cent. Price, 5 lbs., 50c; 10 lbs., 95c; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$3.70; 250 lbs., \$9.00; 500 lbs., \$16.50; 1,000 lbs., \$29.00; 2,000 lbs., \$55.00.

REGULAR BONE MEAL. 25 lbs., \$1.25; 50 lbs., \$2.10; 100 lbs., \$3.60; 250 lbs., \$8.25; 500 lbs., \$15.25; 1,000 lbs., \$27.50; 2,000 lbs., \$51.00.

PURE RAW BONE. Coarse ground. (Ask us for sample.) This material appeals to every florist that has used it. Note high guaranteed analysis and special low price.

Price, per 100 lbs., \$3.75; 500 lbs., \$16.00; 1,000 lbs., \$30.00; ton, \$57.00.

DRIED BLOOD For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 25 lbs., \$1.85; 50 lbs., \$2.75; 100 lbs., \$5.00; 500 lbs., \$24.00; 1,000 lbs., \$45.00; ton, \$80.00.

FLORANID UREA A highly concentrated organic fertilizer containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 25c; 25 lbs., \$2.75; 50 lbs., \$4.75.

Latest Novelties

New Sweet Peas

Early Memory. The result of a cross between Early Sweet Lavender and the strong growing Late Spencer Pinkie. A clear, rosy lavender which does not lighten in color with age or when grown under glass. The color is just perfect for blending with pink shades. Oz., \$1.80; lb., \$20.00.

Early Monterey. An unusually large flower. The color is a clear granium pink flushed salmon. The color is deeper towards the white base and standard and wings are alike in color. Oz., \$1.80; lb., \$20.00.

Early Success. Deeper in shade than any other Rose Pink and is a very strong grower. Four flowers are common on fine, long, stout stems. The color is a lively bright, sparkling rose pink on white ground. Standard and wings are alike in color. Oz., \$1.80; lb., \$20.00.

Delphinium

Elatum Iceberg. This is the first white perennial Delphinium which comes true from seed. 4 ft. Trade pkt., \$1.00; 1/8 oz., \$1.75; oz., \$12.00.

Clarke's Hybrids. Seed is saved from the finest of large flowered varieties and contains single, semi-double and double flowers of pale and silvery blue, silvery mauve, lavender, soft blue, brilliant blue and dark gentian blue flowers. Trade pkt., 50c; 1/4 oz., \$1.25; oz., \$4.80.

Hoodacres White. A splendid selection from a well-known strain. Trade pkt., 50c; 1/8 oz., \$1.00; oz., \$6.00.

Pyrethrum

Grandiflorum Album. Pure white of the true giant flowering type. Trade pkt., 75c.

Grandiflorum Roseum. Immense blooms, true deep rose of a very good substance. Trade pkt., 75c.

Grandiflorum Rubrum. True grandiflora type, bearing flowers on long stiff stems. The color is a shade between deep rose and atrosanguinea and might best be described as a deep ruby red. Trade pkt., 75c; 1/8 oz., \$1.50.

Double White. Large flowers coming fairly double. Trade pkt., 75c.

Double Red. A new selection. Flowers attractive warm shade of red. Trade pkt., \$1.00; 1/8 oz., \$2.00.

Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

HARDWOOD ASHES. Rich in potash. A fall lawn dressing. Insures a thrifty growth and dark color. Price, 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.10; 500 lbs., \$13.00; 1,000 lbs., \$23.00; 2,000 lbs., \$43.00.

HORN SHAVINGS 100 lbs., \$5.50; 500 lbs., \$25.00.

NITRATE OF SODA or Chili Saltpeter Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen.

Price (subject to market changes), 25 lbs., \$1.45; 50 lbs., \$2.15; 100 lbs., \$3.45; 500 lbs., \$14.00; 1,000 lbs., \$26.00. Write for prices on larger quantities.

VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.25; 500 lbs., \$10.00; 1,000 lbs., \$19.00; 2,000 lbs., \$36.00.

SCOTCH SOOT. (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00; 500 lbs., \$16.50.

SHREDDED CATTLE MANURE. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. Price, 100 lbs., \$3.00; 500 lbs., \$14.00; 1,000 lbs., \$26.00; 2,000 lbs., \$50.00.

CLAY'S FERTILIZER. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.10; 14 lbs., \$2.00; 28 lbs., \$3.00; 56 lbs., \$5.50; 112 lbs., \$9.25.

POULTRY MANURE. 100 lbs., \$4.00; 500 lbs., \$18.00; 1,000 lbs., \$32.50; 2,000 lbs., \$55.00.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

Vaughan's Greenhouse Plants

All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we can not entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

BOSTON FERNS

The stocky thick leaved bushy type.		100	1000	
Shipped by	express anywhere	2 1/4".....	\$ 6.50	\$60.00
		4".....	25.00	.....
		5".....	45.00	.....
Near by delivery only		6".....	65.00	.....
		7".....	85.00	.....
		8".....	100.00	.....

SPARAGSUA

		Doz.	100	1000
Plumosus.	Seedlings from flats.....		\$ 1.50	\$10.00
	2 1/4-inch.....	\$0.85	6.00	50.00
	3 -inch.....	1.50	10.00	.....
	4 -inch.....	2.50	18.00	.....
Sprengeri.	Seedlings from flats.....		1.50	8.00
	2 1/4-inch.....	.75	5.50	50.00
	3 -inch.....	1.50	10.00	.....
	4 -inch.....	2.50	18.00	.....

CANNAS

The Four Leaders

		100	1000
King Humbert.	.....	\$4.00	\$35.00
Yellow King Humbert.	.....	4.00	35.00
President.	.....	4.00	35.00
Hungaria.	.....	5.50	45.00

We grow the best varieties. Let us book your order at open prices, subject to your acceptance before delivery.

CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids.

		100	1000
Vaughan's Choice Hybrid Mixture.	2 1/4-inch..	\$10.00	\$90.00

CINERARIAS

Ready September 1st

Vaughan's Columbian Mixture.	2 1/4-inch...	6.00	55.00
Vaughan's Columbian Mixture.	3-inch....	10.00	90.00

CYCLAMEN

We specialize in young Cyclamen plants guaranteed to be clean, healthy stock, from tested choice seeds of Binnewies strain.

Bright Red, Salmon Rose, Glory of Wandsbeck.

	3 inch	4 inch
\$12.00 to \$15.00 per 100		\$30.00 to \$40.00 per 100

DIELYTRA

Heavy Forcing Stock. Michigan Grown

Roots must be slightly frozen after potting or they will not start to grow nor force properly. Delivery Fall or early Spring.

Selected Roots, per 100, \$20.00.

FICUS ELASTICA

Mossed Rooted Cuttings

Standard Case of 250.	.....	\$50.00
Baby Cases—50, 100, 150, 200,	per 100.....	20.00
Prices F.O.B., New Orleans. Delivery any time before Sept. 10.		
Orders booked in multiples of 50.		

GERANIUMS

		100	1000
Irvington Beauty.	Immense trusses, double, rosy—salmon-pink blooms. Free-flowering and a strong grower. 2 1/4-inch.....	\$ 9.00	\$75.00
Fiat.	Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2 1/4-inch.....	9.00	75.00
Radio Red.	A prolific bloomer; easy propogator and the best all-around red Geranium. 2 1/4-inch	6.50	60.00



BOSTON FERN

GERANIUMS—Continued		100	1000
Madame Landry.	Salmon-pink touched by darker shading. 2 1/4-inch.....	\$6.50	\$60.00
Rose.	Scented leaves, 2 1/4-inch.....	5.50	50.00
Mme. Salleroi.	Variegated leaves, 2 1/4-inch...	5.50	50.00

CALADIUMS—Vaughan's Special Fancy-Leaved

For window boxes, show plants or greenhouse growing, this is one of the most decorative plants. Rich thrifty leaves, handsomer than Begonias; marbled veined and striped with white, pink and dark red. Bulbs should be started into growth about March 1st in a warm house.

Our crop is especially fine this season and we are offering superior quality bulbs. The size runs from 1 1/4 inch to 3-inch in diameter depending on the variety. Plump dormant bulbs.

		Doz.	100	1000
Rainbow Mixed	.....	\$1.75	\$11.50	\$100.00
Named Varieties.	Our selection.....	2.00	12.50	110.00
Unusual and rare varieties.	All named.	2.75	16.00	140.00

HARDY PERENNIALS AND ROCK PLANTS

Field and pot grown

A large and complete stock including many new and choice varieties. We make a specialty of pot grown Rock Garden Plants available for shipment the year round. Send for complete list or let us quote on your requirements.

PHLOX

For Fall Delivery

One-year field grown plants, 30 of the best and newest varieties. Write for quotations on your Perennial requirements.

POINSETTIAS

From 2 1/4" Pots

		100	1000
Hollywood.	.....	\$ 9.00	\$ 85.00
Oak Leaf	.....	9.00	85.00
St. Louis.	.....	9.00	85.00
Double Henrietta Ecke.	.....	20.00	.....

Let us quote on your requirements.

ROSES

Dormant to Force

For Easter, Mother's Day and Decoration Day.

Heavy field grown stock that breaks and blooms.

All the best and well known varieties of Polyanthas and Climbers at \$28.00 per 100 and \$250.00 per 1000.



JAPANESE IRIS

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.



SIBERIAN IRIS



AMBASSEDEUR

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

The figures preceding the varieties are the exhibition rating given to them by the American Iris Society, 10 being the highest rating used in the judging.

9.2	Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.	Each	10	100
		\$0.50	\$	3.00
8.1	Ariadne. 42 in. "S" silvery light blue; "F" deeper blue with violet base. Beautiful flower.	1.50		
7.4	Autumn King. 39 in. A large blue-purple bicolor. Flowers in the spring and again in the autumn.	1.50	12.00	
	Autumn Queen. A white companion to the Autumn King.	.30	2.50	
9.0	Ballerine. Early. "S" light violet-blue; "F" deeper. Very fragrant. One of the best.	1.20	8.00	
8.4	B. Y. Morrison. S. pale lavender violet; F. horizontal, velvety purple with lavender border.	.60	5.00	
8.4	Canopus. 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet.	1.00	8.00	
8.4	Caroline E. Stringer. Large, delicate rose-flushed flowers of exceptional substance.	1.50	10.00	
8.2	Chasseur. 36 inches. Very fine large flower of deep yellow, becoming lighter with age.	1.25	10.00	
	Cinnabar. 42 inches. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape.	.30	2.50	
	Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance.	.50	3.50	
8.5	Crusader. "S" light blue; "F" deep violet-blue, with orange beard. Splendid color and form.	.60	5.00	
9.3	Dolly Madison. 38 in. Best described as a Glorified Quaker Lady. Very fine large flowers.	.25	1.80	
8.4	Dream. 36 inches. "S" and "F" soft clear pink. A beautiful Iris of Pallida type.	.50	3.00	
8.0	Folkwang. 30 in. S. light rose-pink; F. Claret-red, edged rose-pink. Beautiful color blend.	1.25		
8.9	Freida Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.	.40	3.50	
8.6	Gold Imperial. 33 inches. Chrome yellow throughout except for conspicuous orange beard.	.75	4.00	
8.3	Imperator. Very similar to Seminole, but duller in color and a taller grower. Late.	.75	4.00	
	Labor. New. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.	.25	2.00	
8.0	Lady Byng. A beautiful Iris of clear pale lavender with a slight suffusion of rose.	.50	3.00	
8.8	Leonato. 48 inches. "S" Pale lavender to silvery heliotrope; "F" slightly darker and expanded.	.20	1.50	

8.8	Lord of June. "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.	Each	10	100
			\$0.75	\$5.00
8.7	Magnifica. "S" light violet-blue; "F" dark reddish purple. Flowers extraordinarily large.	1.25		
8.4	Medrano. Late. "S" and "F" a beautiful dark, smoky, claret color. Very unusual effect.	.75	4.00	
	Midgard. A yellow and pink blend of great beauty.	.35		
8.6	Mildred Presby. 32 in. S. white; F. rich, dark, velvety pansy-violet. Large flowers.		1.00	
8.8	Mlle. Schwartz. 48 inches. Lovely pale mauve flowers of exceptionally large size.	.75	4.00	
9.1	Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden.		1.00	7.00
8.4	Mother of Pearl. 48 in. A pale bluish lavender flower of exceptional substance.	.50	3.00	
9.2	Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep, velvety crimson brown. Exceedingly large handsome flowers	1.25	10.00	
	Nebraska. 34 inches. Large flowers of rich apricot-yellow, Standards ruffled, falls striped and clouded brown.		3.00	
8.3	Ochracea. 30 inches. "S" dull old gold, finely arched; "F" coppery yellow, tinged with purple. Very sweet-scented and late.	.75	5.00	
9.0	Princess Beatrice. Silvery lavender.	1.00	6.00	
8.1	Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower.	.50	3.00	
8.8	Queen Caterina. Pale lavender-violet, with orange beard; white haft, veined with bronze.	.50	3.00	
9.1	Santa Barbara. 40 in. This is probably the finest of pure lavender-blue Irises. Of perfect form with flaring falls.		2.00	
8.4	Shekinah. 36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises.	.50	3.00	
9.2	Sir Michael 43 in. Considered by many the finest blue bicolor. S. opalescent lavender-blue. F. velvety-purple.	.75		
9.3	Souv. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple. Millet's best variety.	.60	4.00	
8.5	Susan Bliss. 42 inches. Deep rose-pink.	.75	5.00	
8.2	Taj Mahal. 36 in. A very fine pure white.	.75	6.00	
8.8	Tenebrae. 36 in. A richly colored Dominion seedling S. violet-purple shaded maroon; F. black-purple.	1.50	10.00	
8.9	Vesper Gold. A new distinct yellow suffused with violaceous reflections. A beautiful Iris.	.75	6.00	
	Wambuska (White Eagle). 45 in. The largest and finest of the really hardy white Irises. "S" snowy glittering white tinted blue at the heart; "F" clear snow white with pale yellow beard.	1.75		

WRITE FOR SPECIAL QUOTATIONS ON LARGE QUANTITIES



1. STORMCLOUD 4. JEANNE d'ARC 7. MONSIGNOR
 2. QUAKER LADY 5. ALCAZAR 8. RAFFET
 3. CAPRICE 6. NEPTUNE 9. PROSPER LAUGIER

IRIS—Continued

	Each	10	100
7.9 White Knight. 24 in. A beautiful snow-white Iris.	...	\$0.60	\$4.00
8.9 Wm. Mohr. 26 in. Large flower of great substance and perfect form. The ground color is pale lilac, the standards flushed darker, and the whole flower is beautifully veined manganese-violet.	.....	\$0.60	.....
Mixed.....	1,000,	\$20.00	.....
			2.50

Price, any one kind of the following: 50c per 10; \$3.00 per 100; \$25.00 per 1000

Afterglow	Jeanne d'Arc	Quaker Lady
Alcazar	Juniata	Queen of May
Archeveque	Kalos	Raffet
Benbow	La Neige	Rhein Nixe
Caprice	Lent A. Williamson	Rosalba
Celeste	Lohengrin	Roseway
Cecil Minturn	Mme. Chobaut	Rotorua
Cluny	Moliere	Seminole
Corrida	Monsignor	Sherwin Wright
Dalila	Miranda	Sweet Lavender
Dejazet	Mrs. Hetty Matson	Troost
Edouard Michel	Mrs. Walter Brewster	Ute Chief
Empress of India	Neptune	W. J. Fryer
Iris King	Opera	Zwanenburg
Isoline	Prosper Laguier	

IRIS—Continued

JAPANESE IRIS (Kaempferi)

Gold Bound. White with gold banded center. Double	Each	10	100
Early.....	\$1.50		\$12.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late.....	1.80		15.00
Kumo-No-Obi. (Band of Cloud.) A very full double, of pleasing lavender effect.....	1.50		12.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double.....	1.50		12.00
Mahogany. Velvety mahogany red. Double.....	1.80		15.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.....	1.50		12.00
Uchiu. Cerulean blue, veined white. Gold center. Double.....	1.50		12.00
Warai Hotei. Dark blue with light veins. Double.....	1.80		15.00
Zama-No-Mori. White, slightly shaded azure blue. A large and beautiful single.....	1.80		15.00
Mixed Seedlings.....	1000,	\$50.00	.75 6.00

NEW JAPANESE IRIS

Bokhara. Single Phlox purple, yellow blotch in center edged blue. Wavy petals.....	\$0.50	.....	.....
Chutsai. Single Hortense violet veined white. Inner petals phlox purple.....	.50	.....	.....
Repsime. Double blue veined white.....	.50	.....	.....
Sadarabad. Single white overcast with pale phlox pink.....	.50	.....	.....
Subotai. Single rosy-red. Very good.....	.50	.....	.....
Temple Flower. Ivory white heavily blended with soft bluish-violet. Veined white. Inner petals white edged phlox pink.....	.50	.....	.....
Violet Giant. Semi-double. Rich violet shading to rose. The largest Japanese iris we have ever seen.....	1.25	.....	.....

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....	1.25	10.00
Dorothy K. Williamson. A beautiful beardless iris with large velvety flowers of vivid purple.....	1.75	.....
Ochroleuca Gigantea. 60 in. Large ivory white flowers marked with yellow at the throat.....	.50	3.50
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....	1.25	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.		
Cyanea. Rich royal purple. Fragrant.....	1.00	5.00
Dixmude. "S" aniline blue; "F" rich crimson-purple.....	1.00	6.00
Orange Queen. Clear deep yellow with orange beard.....	1.20	8.00
White.....	1.00	8.00
VERSCOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	1.00	8.00

SIBERIAN IRIS

Butterfly. 36 inches. Lovely porcelain blue.....	1.00	8.00
Emperor. Large flowers of deep violet-blue.....	1.20	8.00
Geo. Wallace. (Azure blue.) "F" marked white.....	.60	4.00
Orientalis. Rich, deep purple.....	.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue.....	1.00	5.00
Snow Queen. Large ivory-white.....	1.20	8.00
Mixed.....	.50	3.00

Vaughan's Peonies

5 of a Kind at the 10 Rate
25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing, Strictly true to name, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

WHITE AND LIGHT SORTS

	Each	10	100
8.8 Alsace-Lorraine. Creamy white; late.....	\$0.35	\$3.00	\$20.00
8.7 Avalanche. Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. A splendid white; crown type; late midseason.....	.15	1.25	10.00
9.0 Baroness Schroeder. Rose type; late. White with shadings of flesh.....	.40	3.50	25.00
8.1 Couronne d'Or. Snow-white, yellow reflex, very large. Late.....	.15	1.20	10.00
7.8 Duc de Wellington. Very large, well-formed sulphur-white bloom stems very firm and long.....	.15	1.20	10.00
8.1 Duchess de Nemours. (Calot.) Sulphur-white with greenish reflex, cup-shape.....	.15	1.20	10.00
9.2 E. B. Browning. A very large white. Late.....	.60	5.00	.....
8.9 Enchantresse. Large creamy white. Rose type very late.....	.40	3.00	.....

	Each	10	100
9.3 Festiva Maxima. Verv popular large white.....	\$0.20	\$1.50	\$10.00
9.1 Francis Willard. Exquisite blush-white, of good substance and a fine cut-flower variety.....	.40	3.50	25.00
8.9 Jubilee. Ivory-white; midseason.....	.40	3.00	25.00
9.8 Kelway's Glorious. Cream-white; midseason.....	1.50	12.50	.....
8.3 La Rosiere. White with cream-white center; semi-double; midseason.....	.30	2.50	15.00
9.9 LeCygne. Unquestionably the finest white.....	1.25	10.00	.....
7.9 Madame de Verneville. Delicate rose-white, very desirable. June rose fragrance.....	.15	1.20	10.00
9.4 Mme. Jules Dessert. White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner.....	.50	4.50	35.00
8.5 Marie Lemoine. Large, compact, pure white, cream-white center, carmine tips. Fragrant; late.....	.30	2.50	15.00
7.8 Miss Salway. Lilac white. Early midseason.....	.40	3.50	.....
8.3 Mons. Dupont. Very large, cup-shaped flower; ivory-white; center petals splashed with carmine; fragrant; a strong grower; very tall; midseason.....	.25	2.00	12.00
8.8 Nymphaea. Semi-double flowers of delicate creamy white. Yellow stamens.....	.75	6.50	.....
8.6 Primevere. Sulphur-yellow. Bomb type; very fragrant; mid-season.....	.60	5.00	.....

PEONIES—White and Light Sorts—Continued

9.1 Rose Shaylor. Flesh-white. Rose-type; tall; mid-season.	Each	10	100
		\$3.50	.....
9.7 Solange. Deep cream, tinged with amber. Late. . . . .	.60	\$4.50	\$35.00
9.4 Tourangelle. Pearl-white overlaid with delicate shades of salmon. . . . .	.50	4.00	35.00

LIGHT AND DARK PINK AND ROSE

7.1 Alexander Dumas. Bright pink, intermixed with creamy white petals. A fine cut-flower variety. . . . .	.15	1.20	10.00
8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason. . . . .	.30	2.50	20.00
7.7 Dorchester. Creamy flesh-color, tinged with pink. . . . .	.15	1.20	10.00
7.6 Edulis Superba. Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day. . . . .	.15	1.20	10.00
8.8 E. G. Hill. Carmine rose; early midseason. . . . .	.40	3.00	20.00
7.9 Georgiana Shaylor. Pale rose-pink; midseason. . . . .	.40	3.50	25.00
8.9 James Boyd. Soft flesh-pink, tinted yellowish salmon. Late.	1.00	7.50	.....
7.9 Jeanne d' Arc. Soft pink, intermingled with petals of bright pink and sulphur-yellow. . . . .	.20	1.50	12.00
8.8 Loveliness. Large flat rose-type flowers of hydrangea-pink. Late; fragrant. . . . .	.50	4.00	.....
9.1 Lady A. Duff. Pale pink; midseason. . . . .	.35	3.00	25.00
9.0 La France. Soft appleblossom-pink; late midseason. . . . .	.50	4.00	.....
7.5 La Tulipe. Delicate pink, outer petals striped with red tulip markings; midseason; fragrant. . . . .	.15	1.20	10.00
Lillian Gumm. Shell-pink deeper in center. Rose type; very fragrant; late midseason.	1.00	9.00	.....
7.9 Mad. Ducl. Light rose, silver reflex. Resembles the variety Mons. Jules Elie. . . . .	.20	1.50	12.00
8.5 Mad. Emile Galle. Shell-pink. Rose type; fragrant; late. . . . .	.25	2.00	15.00
7.9 Mad. Joanne Sallier. Rose-pink; early. . . . .	.50	.....	.....
8.4 Marguerite Gerard. Very pale hydrangea-pink. . . . .	.30	2.50	15.00
9.1 Martha Bulloch. Soft rose-pink. . . . .	.75	6.00	.....
8.7 Mary P. King. Light coral-pink. . . . .	.75	5.00	.....
9.0 Mary Woodbury Shaylor. Clear pink with cream center; midseason. . . . .	.75	5.00	.....
9.0 Milton Hill. Delicate lilac-pink. Rose type; late. Minamota. Vivid rose-pink with a mass of yellow stamens. Almost semi-double. Very unusual.	1.00	9.00	.....
9.2 Mons. Jules Elie. The best pink. . . . .	.30	2.50	15.00
8.5 Octavie Demay. Delicate hydrangea-pink. Dwarf. Early. . . . .	.25	2.00	12.00
8.2 Pierre Duchartre. Rose type; late. Large, compact flowers of a delicate flesh-pink; fragrant. . . . .	.40	3.00	20.00
8.7 President Taft. See Reine Hortense. . . . .	.25	2.00	15.00
Queen Wilhelmina. Rosy pink. Full rose type. midseason. . . . .	.25	2.00	15.00
8.7 Reine Hortense (President Taft). One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes. . . . .	.25	2.00	15.00
8.8 Rosette. Delicate shell-pink shading to a salmon at base of petals. . . . .	.75	5.00	.....
9.0 Sarah Bernhardt. Appleblossom-pink; late midseason. . . . .	.40	3.00	25.00
7.8 Souvenir de Francois Ruitton. Bright cherry pink. . . . .	.50	4.00	35.00
9.1 Souvenir de Louis Bigot. Bright bengal-rose. Large rose form; midseason. . . . .	.60	5.00	40.00
9.8 Therese. Violet-rose, changing to lilac-white; midseason. . . . .	.60	5.00	40.00
8.3 Venus. Delicate shell pink. Crown type; midseason. . . . .	.30	2.50	20.00
9.3 Walter Faxon. Bright delicate rose. . . . .	.50	4.50	35.00

RED AND CRIMSON

8.5 Adolphe Rousseau. Very large; semi-double flowers of purple-garnet. Tall, vigorous grower; early. . . . .	.50	3.50	25.00
8.7 Auguste Dessert. Velvety crimson-carmine with silvery reflex.	1.00	7.50	.....
7.8 Augustin d'Hour. Bomb type; midseason. Color very deep, rich, brilliant solferino-red with slight silvery reflex. . . . .	.25	2.00	15.00
8.6 Cherry Hill. Deep garnet with conspicuous sheen; midseason. . . . .	.60	5.00	.....
8.4 Felix Crousse. Best red for florists. . . . .	.20	1.50	10.00
8.2 Grover Cleveland. Rich dark crimson; late. . . . .	.25	2.00	15.00
Inspector Lavergne. Vivid crimson.	5.00	35.00	.....
8.8 Karl Rosenfield. Very large flower, globular semi-rose type. Extremely vigorous grower; tall, early. . . . .	.25	2.00	15.00
7.8 Lord Kitchener. Brilliant cherry-red; early midseason. . . . .	.40	3.00	25.00
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason. . . . .	.50	4.50	35.00
6.9 Louis Van Houtte. Deep carmine-rose. . . . .	.20	1.50	10.00
7.5 Marechal Vaillant (Grandiflora Rubra). Light red, resembling the American Beauty Rose. . . . .	.20	1.50	10.00
8.7 Mary Brand. Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delightful fragrance; midseason. . . . .	.35	3.00	20.00
8.2 Mme. Gaudichau. Brilliant dark red. Late. . . . .	.75	6.00	.....
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex. . . . .	.60	5.00	.....
Mr. L. Van Leeuwen. Clear rosy red. Late midseason.	1.75	.....	.....
8.6 Officialis Rubra Plena. Old-fashioned red. . . . .	.50	4.00	35.00
9.2 Philippe Rivoire. Brilliant crimson.	1.50	12.50	.....
8.8 Richard Carvel. Very early, deep red. . . . .	.45	2.50	25.00
Tenuifolia Flora Plena. (Double Fern-leaf Peony) Brilliant dark crimson. Very early.	1.25	.....	.....



1. FESTIVA MAXIMA
2. EDULIS SUPERBA
3. M. JULES ELIE
4. FELIX CROUSSE

JAPANESE-FLOWERED PEONIES

9.2 Amo-No-Sode. Bright-rose, shading lighter toward the edge of the petals; similar to Tamabako.	Each	10	100
		\$1.50	\$12.00
Distinction. A large flower with broad petals of very deep pink; center of narrow filamental petals of same color, irregularly streaked with golden lines. . . . .	.50	4.00	.....
8.2 Flashlight. Pale Tyrian rose with dull golden center.	1.25	.....	.....
9.2 Fuyajo. Rich dark maroon guards. . . . .	.90	7.50	.....
8.2 Gold Mine. Petals deep rose; deep gold center. . . . .	.50	4.00	\$35.00
9.3 Isani Gidui. Large pure white with buff-yellow center.	3.50	.....	.....
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold. . . . .	.60	5.00	.....
Ruigegno. Clear red with golden petaloids.	1.25	10.00	.....
8.2 Snow Wheel. Waxy White.	1.75	15.00	.....
9.0 Some Ganoko. Clear dark crimson with yellow petaloids.	1.25	10.00	.....
8.0 Torpilleur. Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow. . . . .	.60	5.00	.....

SINGLE PEONIES

7.6 Clio. Pink petals and long golden pollen-bearing stamens. . . . .	.50	4.00	.....
Fusyama. Soft-colored flesh-pink. . . . .	.40	3.50	.....
8.4 La Fiancee. Pure white. . . . .	.40	3.50	30.00
8.1 L'Etincelante. Very broad petals of bright carmine with silvery border; golden stamens. . . . .	.75	6.00	.....
Nymphe. Bright flesh-pink. . . . .	.50	4.00	.....
Perle Rose. Delicate clear China pink, with silvery edge. . . . .	.50	4.00	.....
7.6 Vesuve. Dark red. . . . .	.50	4.00	.....

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.	\$0.15	\$1.00	\$ 8.00
Double Red. . . . .	.20	1.20	10.00
Double White. . . . .	.15	1.00	8.00
Double Mixed. . . . .	.15	.90	6.00

PEONIES IN CASE LOTS

3 to 5 Eye Divisions

CASE LOT No. 1 (value \$17.50) for \$15.00	CASE LOT No. 2 (value \$20.00) for \$18.00	CASE LOT No. 3 (value \$27.50) for \$25.00
75 Unnamed dbl. Pink	75 Edulis Superba	50 Avalanche
50 " " White	50 Festiva Maxima	75 Reine Hortense
75 " " Red	75 Felix Crousse	75 Karl Rosefield
The above 200 roots, labeled, for \$15.00.	The above 200 roots, labeled, for \$18.00.	The above 200 roots, labeled, for \$25.00.

Vaughan's Freesias California Grown

PROFITS are the vital need in flower growing today. Freesias are the answer to many financial problem. Original cost is low and the flowers come in the months when competition is limited. In late December and early January flowers are scarcest, and this is when freesias come in with their beautiful blossoms, which each year are more popular with flower buyers. Our bulbs are pure strains, grown from producer's stocks and should not be compared with the ordinary Refracta Alba, or the low grade discolored bulbs.

Order Now to Obtain Highest Quality

WHITE CHIEF

(The New Giant White)

Stems average 18 to 30 inches long; single flowers 2½ inches long. Can be had in bloom first week in January. Forty-five to forty-eight degrees night temperature would bring out the good qualities to perfection. At the prices at which we offer this variety a grower should try a thousand or more.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$12.50	¾ in. and up.....	\$22.50
⅝ to ¾ in.....	18.00		

PURITY—True Strain

Good Crop of Large Bulbs This Year

	1,000 Lots Per 1,000	5,000 Lots Per 1,000	10,000 Lots Per 1,000
½ to ⅝ in.....	\$ 5.50	\$ 5.00	\$ 4.50
⅝ to ¾ in.....	10.00	10.00	9.00
¾ in. and up.....	13.50	13.00	12.00

Elder's Giant White

(Patented)

Much demand for the flowers on all markets because of the size and strong stems.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$15.50	¾ in. and up.....	\$45.00
⅝ to ¾ in.....	23.50		

Golden Charm

Light yellow, very early, good seller on Chicago market.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$ 6.50	¾ in. and up.....	\$17.00
⅝ to ¾ in.....	10.00		

Golden Daffodil

The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong, stiff stem.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$ 7.50	¾ in. and up.....	\$18.00
⅝ to ¾ in.....	10.00		

California Golden yellow, strong grower.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$10.00	⅝ to ¾ in.....	\$15.00

Tritonia Crocata The scarlet Freesias.

	Per 1,000
½ to ⅝ in.....	\$12.50

Blue Bird

Deep delphinium blue with light center, large open flower and good long stem. No question the finest blue Freesia ever put on the market.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$16.00	¾ in. and up.....	25.00
⅝ to ¾ in.....	20.00		

Pink Beauty

This is a distinct new type in Freesias, a giant rose pink with broad petals, flat open flower, the color that is so much admired. It looks more like an orchid spray than a Freesia.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$16.00	¾ in. and up.....	\$25.00
⅝ to ¾ in.....	20.00		

Sunset

An entirely new color in Freesias being a flame orange, reminding you of the glorious sunsets of California. This variety was the greatest attraction in the field during the flowering season.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$16.00	¾ in. and up.....	\$25.00
⅝ to ¾ in.....	20.00		

Mrs. Marc Peters

A very attractive deep rosy salmon with lower petals blotched orange with yellow. Flowers are of good size and open up well. This variety is one of the earliest to bloom, giving it a special market value.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$16.00	¾ in. and up.....	\$25.00
⅝ to ¾ in.....	20.00		

Apotheose (New)

New. One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat, tall, rigid stems, extra.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$18.00	⅝ to ¾ in.....	25.00

Yellow Prince

A somewhat darker flower than California. Stems extra long and wiry.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$7.50	⅝ to ¾ in.....	\$10.00

Splendens

The stems are long and stiff, bearing as many flowers as Purity; of a beautiful deep lavender.

	Per 1,000		Per 1,000
½ to ⅝ in.....	\$6.00	⅝ to ¾ in.....	\$10.00

Freesia Novelties for 1934

Miss Blanche Blue

(Patented)

Gold medal National Flower Show 1933, numerous minor awards. No illustration can do justice to the lively clearness of its color which is not dulled by artificial light. Large, open flowers; tall, strong stems; long lateral stems making possible even third and fourth cuts; tall, deep-green leaves; a sturdy grower and easy forcer; very upright and compact in growth.

	Per 1,000
½ to ⅝ in.....	\$21.50

Rosy Morn

The color is a rosy-pink suffused with golden yellow at the base of each petal. Early bloomer. Stem is strong and wiry. The leaves upright and the blossom is of the open, round petal type.

	Per 1,000
½ to ⅝ in.....	\$21.50

Ruth Chatterton

(Patented)

The color is distinctly new to Freesia, the upper portion of the petals, both inside and outside, are tyrian rose shading down the petals to tyrian pink. These colors being shot with delicate streaks of cadmium yellow in varying degrees becoming solid yellow down

into the perianth. The flowers and sprays are gigantic, four and five flowers open at one time. They are delicately perfumed and supported by long, heavy stems with two and three long laterals.

	Per 1,000
½ to ⅝ in.....	\$30.00
⅝ to ¾ in.....	40.00
¾ in. and up.....	50.00

Mia Marvin

A gigantic canary yellow with a heavy blotch of deep orange on the lower lip, which is very attractive. The spray is of great size on long, wiry stems. Without a doubt the finest yellow to date.

	Per 1,000
½ to ⅝ in.....	\$30.00
⅝ to ¾ in.....	40.00
¾ in. and up.....	50.00

Carol

This is a companion of "Sunset," the flowers, however, are more open and of a burnt orange. A wonderful acquisition and quite unique in its color.

	Per 1,000
½ to ⅝ in.....	\$30.00
⅝ to ¾ in.....	40.00
¾ in. and up.....	50.00

BULBS for Mid-Summer and EARLY FALL



FREESIA White Chief

True Lilium Harrisii

Grown for us by one of the most reliable growers.

We can supply Fairy Isle Strain at same price.

	Per 100	Per Case
6- 7-inch, 335 bulbs to case.....	\$10.50	\$29.00
7- 9-inch, 200 bulbs to case.....	13.50	25.00
8-10-inch, 150 bulbs to case.....	18.00	25.00
9-11-inch, 100 bulbs to case.....	.....	29.00

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water about 24 hours before planting. Set 10 inches apart, about 2 inches deep. Sunny location, plenty of moisture. **Special Mixed**, 1 year old per 100, \$2.00; per 1,000, \$18.00; 2 year old, per 100, \$3.50; per 1,000 \$30.00.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. 1 yr. old number one bulbs, per 100, \$2.75; per 1,000, \$22.50.

White Calla

(Aethiopica)

Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops**, expose bulbs to the sun, in order to make early shipment. This is very dangerous and will cause dry rot.

We therefore take great pains in **securing our stock from growers in California** who do not use this practice. Our stock is **thoroughly cured in the ground and dried** thoroughly before they are packed. This, of course, means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	1,000
1¼-1½ inches.....	\$ 4.50	\$ 40.00
1½-1¾ inches.....	9.50	90.00
1¾ inches and up.....	14.00	135.00

GODFREY EVERBLOOMING CALLA

(Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the Aethiopica variety, as flower is not so heavy and large.

	Per 100	1,000
1-1¼ inches.....	\$ 4.00	\$ 35.00
1¼-1½ inches.....	11.00	105.00
1½-1¾ inches.....	16.00	150.00

Crocus

Autumn Flowering

	Per 100	1,000
Very fine for planting in Rock Gardens.....		
Sativus. (Purplish blue).....	\$3.00	\$25.00
Speciosus. (Deep blue).....	2.00	18.00
Zonatus. (Soft lilac).....	2.50	20.00

Colchicum

Curious for their habit of blooming without soil. Fall blooming, excellent for retail sales.

Colchicum Autumnale Major. Light blue...\$15.00	\$140.00
Speciosum. Deep blue.....	16.00 150.00

Dutch Iris

6-7 ctm. Per 1,000 7-8 ctm. Per 1,000

Adrian Backer. A beautiful, large flowering novelty of uniform lilac purple.....	\$20.00	\$30.00
A. Bloemaard. Standards dark purplish blue, falls lighter blue, very large flower, early.....	15.00	25.00
D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower.....	12.00	20.00
E. B. Garnier. One of the very earliest. Standards and falls uniform deep blue, the improved Imperator.....	12.00	17.00
Go'den Glory. Standards golden yellow, falls darker, the dark Yellow Queen.....	15.00	25.00
Hart Nibbrig. Brilliant, clear blue, the finest flower of the whole selection. Late.....	12.00	20.00
J. W. De Wilde. Uniform dark yellow, a novelty... ..	17.00	30.00
Leonardo De Vinci. Standards creamy white, falls canary yellow with orange stripe, very large flower and early.....	12.00	25.00
Poggenbeek. Uniform dark blue. An extra good variety.....	12.00	22.50
Theresa Schwartze. Standards pale corn-flower blue, falls purest white, with very narrow orange stripe, excellent cut flower.....	12.00	22.50
White Excelsior. Uniform pure white, falls very broad, very good form and substance, very early forcer.....	12.00	22.50
Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow.....	20.00	32.50

Filifolia Imperator. This beautiful iris is a very consistent performer, producing tall strong spikes of deep blue that always sell well. The best iris for greenhouse planting where a cheap and easily grown iris is wanted. The large bulbs we offer are the best obtainable, and do not require much urging to produce excellent cut flowers. 7-8 Ctm., 1,000, \$17.00; 8-9 Ctm., \$25.00 per 1000.

Tingitana Wedgewood. Very reasonable in price this year. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower, that has commanded enormous prices during the past few years. Light blue in color. 8-9 Ctm., per 1000, \$27.50; 9-10 Ctm., per 1000, \$55.00; 10 Ctm and up per 1,000, \$65.00.

Ixia

These easily grown, quick selling bulbs are rapidly becoming popular as cut flowers. Planted from September to early December in pots or bench, they produce beautiful, long stem flowers during late February and early March. Main requisites for successful growing are careful watering at beginning of growth, and a cool temperature (Carnation temperature, or cooler).

Named Varieties.....	\$2.50	\$18.00
Mixed.....	1.75	12.00

RANUNCULUS

Bulbs are claw-like shaped and should be planted with claw downward two inches deep and ten inches apart. Soak bulbs same as Anemones. **French Mixed**, 1 year old per, 100, \$2.00; 1000, \$17.00; 2 year old, per 100, \$3.50; 1000, \$30.00.

Victoria Hybrids. Best strain produced on Pacific Coast, just the colors florists want. 1 yr. old, number one bulbs, per 100, \$3.00; 1000, \$25.00.

SPHAGNUM MOSS

Bright, Clean, New Growth, free from Brush or Grass

THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

MASTICA, For Glazing Greenhouses

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.50; 5 gals., \$12.00; 10 gals., \$23.50.

VAUGHAN'S GREENHOUSE BULBING CEMENT. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20 gal. drums, per gal., 95c; 10 and 5 gal. drums, per gal., \$1.25; 1 gal. can, \$1.50. Glazing gun gratis with 60 or 40 gal. drum.

GARLANITE. The original white glazing compound. Price, 40 and 60 gals., \$2.35 per gal.; kegs, 10 and 20 gals., \$2.40 per gal.; 1 and 5 gal. cans, \$2.45 per gal.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75; doz., \$13.50; in three doz. lots, doz., \$12.50; in six doz. lots, doz., \$12.00. If by mail (weight under 1 lb).

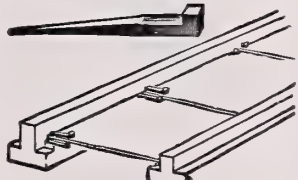
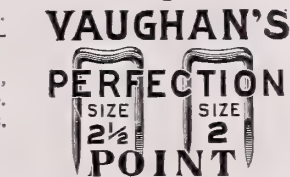
GLAZING POINTS, Vaughan's Perfection—No rights or lefts No. 2. For large single thick glass. No. 2½. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (abt. 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½ per lb. (abt. 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and 7⁄8-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of ⅝; over 1,000 points in 1-lb. pkg. of 7⁄8
Price: Per lb., 50c; 5 lbs., \$2.35; 20 lbs., \$8.50.



PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.00; 500 for \$4.50; per 1000, \$8.00. (If shipped from New York), per 100, \$1.45; 500 for \$5.75; per 1000, \$10.00. Special price on larger lots on application.

Heavier Grade. 8 to 11 ft. 100, \$2.00; 500, \$8.00; 1000, \$14.00; if shipped from New York, 100, \$2.35; 500, \$8.95; 1000, \$16.50

Japanese Bamboo Stakes, Plain and Green Painted.

	Per 100	Per 1000		Per 100	Per 1000
1 1/2 feet.....	\$0.60	\$2.35	3 feet.....	\$1.00	\$3.95
2 feet.....	.75	2.95	3 1/2 feet.....	1.10	4.75
2 1/2 feet.....	.90	3.45	4 feet.....	1.25	5.75
Natural. 6 ft.....	1.45	8.25	Write for price in bale lots.		

Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.

No. of Gauge, No. 9 Wire	100	1000	No. 8 Wire	100	1000
1 1/2 feet.....	\$0.85	\$ 4.85	3 1/2 feet.....	\$1.75	\$12.50
2 feet.....	1.00	6.50	4 feet.....	2.15	14.00
2 1/2 feet.....	1.20	7.75	5 feet.....	2.45	17.00
3 feet.....	1.35	9.25	6 feet.....	2.95	21.00

HEAVY CHINESE TONKIN STAKES, NATURAL COLOR.

Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F. o. b. New York Per 100	F. o. b. Chicago Per 100
4 ft.	1/2 to 3/8 inch.....	\$2.50	\$2.75
4 ft.	3/8 inch.....	3.25	3.85
5 ft.	3/8 to 1/2 inch.....	3.50	4.00
6 ft.	1/2 to 5/8 inch.....	4.00	4.50
8 ft.	5/8 to 3/4 inch.....	4.75	5.50

WIRE. Bright Annealed. (Prices subject to change.)

Per 12 lbs.		Per 12 lbs.	
No. 18.....	\$1.25	No. 26.....	\$1.85
No. 20.....	1.35	No. 28.....	2.10
No. 22.....	1.50	No. 36.....	3.60
No. 24.....	1.65		

For carloads write us.

BURLAPPED Bales. (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots per bale, 60c; 25-bale lots per bale, 55c. Write for price on moss in large quantities F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. CHICAGO. Single bale, \$1.00; 5 bales, \$4.75; 10 bales, \$9.00. Write for price on larger quantities.

New York Prices, 35 cents per bale higher. Cartage free.

GREEN SHEET MOSS. For windows, baskets etc. Per sack, \$1.75; 5 sacks per sack, \$1.50.

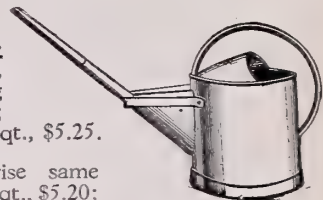
FLORISTS' CUT WIRE

Clean, extra soft white wire, cut in 12 or 18 inch lengths, 12 lbs. to box. No. 18 20 21 22 24 26
Price.....\$1.25 \$1.45 \$1.60 \$1.75 \$2.20 \$2.75

WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$4.10; 6-qt. \$4.35; 8-qt., \$4.60; 10-qt., \$4.90; 12-qt., \$5.25.

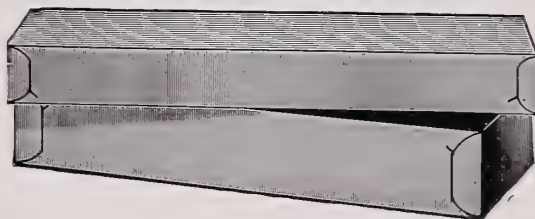
French Style. Oval, otherwise same make as above. 6-qt., \$4.85; 8-qt., \$5.20; 10-qt., \$5.50; 12-qt., \$6.10.



French Style

CUT-FLOWER BOXES.

All sizes packed 100 covers per bundle and 100 bottoms per bundle.



F. O. B. Chicagoonly.

Cut Flower Boxes put up in bundles of 25 complete boxes. Printing \$2.75 extra for each order of 100 to 1,000

boxes assorted sizes. When ordering printed boxes allow a week to ten days extra for delivery. We carry a complete stock and can usually fill orders promptly.

Prices subject to change without notice owing to market conditions.

VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight Per 100	Per 100	Size in inches	Weight Per 100	Per 100
3 x21x5	40 lbs.	\$3.45	4x24x8	70 lbs.	\$ 6.25
3 1/2x24x5	50 lbs.	4.25	5x28x8	90 lbs.	7.25
3 1/2x30x5	65 lbs.	5.00	5x36x8	125 lbs.	9.75
			5x42x8	165 lbs.	13.50

FLOWER BOXES MIST GRAY—FLORAL DESIGN.

No. 26. 6x30x12, \$15.35; No. 27. 8x20x20, \$23.40; No. 29. 8x24x24, \$27.75

CHIFFON, all shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 4 1/2c; 6-inch, per yard, 5 1/2c.

Valley Pattern Chiffon. Pink and white, 6-inch, per yard, 7 1/2c.

Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 6c; 6-inch, per yard, 7 1/2c.

Metaline. Has a bright metallic lustre. Width 6 inches, for baskets, bouquets and funeral work. We carry a stock of all colors, 40 yards to a bolt. Per yard, 3 1/2c.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., \$6.75.

Corsage Pins, 4-inch; assorted colors. Per gross, \$2.00.

Corsage Ties (Cord and Tassels). Per doz., 60c; per gross, \$6.00.

TISSUE, American Beauty 24x36 inches, f. o. b. New York, ream (480 sheets), \$1.50; 10 reams (4800 sheets), \$12.50; f. o. b. Chicago, ream (400 sheets), \$1.20; 10 reams (4000 sheets), \$9.75.

TIN FOIL. Price subject to change without notice.

Terms cash.

Florists' Foil. 5, 6 or 7 inch, 1 lb., 22c; 10 lbs., \$2.00; 25 lbs., \$4.35; 50 lbs., \$8.00; 100 lbs., \$15.00.

Violet or Green Foil. Per lb., 40c; 10 lbs., \$3.50; 25 lbs., \$8.00.

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.



Galv. Vase

Style	Diameter		Ht. Per Doz.	Price Per Doz.	Diameter		Ht. Per Doz.	Price Per Doz.
	Top	Bot.			Top	Bot.		
253	4 1/2 in.	3 1/2 in.	10 in.	\$3.95—65	7 1/2 in.	6 1/2 in.	8 in.	\$4.80
255	6 1/2 in.	5 1/2 in.	12 in.	4.95—66	9 in.	7 1/2 in.	10 in.	5.75
257	6 1/2 in.	5 1/2 in.	15 in.	5.60—68	9 in.	7 1/2 in.	12 1/2 in.	6.95
57	5 in.	3 1/2 in.	5 in.	2.60—69	9 in.	7 1/2 in.	18 in.	7.95
59	6 1/2 in.	5 1/2 in.	7 in.	3.95—70	9 in.	7 1/2 in.	24 in.	9.60

HOSE, FLORIST NON-KINKABLE GUARANTEED

Hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack.

Price 3/4 or 1/2 inch; coupling free; sample mailed free if desired.

1 to 24 feet.....per ft. 17c— 50 to 99 feet.....per ft. 16c
100 to 400 feet.....per ft. 15c—In bales of 500 feet, per ft., 14 1/2c

Insecticides and Fungicides

Unmailable—Insecticides Containing Poison CANNOT be Sent by Mail—by Express Only.

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on

the quantity desired. Attractive profits are earned by selling small package insecticides at retail, for which sales most flower buyers are good prospects.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 25c.

ANSUL FORMALDEHYDE DUST. Control "Damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., \$2.00; 25 lbs., \$5.50.

ANSUL COLLOIDAL SULPHUR. A spray for many diseases, is readily soluble in water; remains in suspension almost indefinitely. ½ lb., tube, 90c; 3 lb. bottle, \$2.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., \$1.10; 1 gal., \$3.00.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 35c; 4 lbs., 95c; case of 24 lbs., \$4.50; 100 lbs., \$12.50.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$32.00.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 35c; 4 lbs., \$1.10; case of 24 lbs., \$5.00.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c.

CALCIUM ARSENATE. (Dry.) Lb., 35c; 4 lbs., \$1.10.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Write for leaflet.

DERRISOL. Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$12.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.

FLOWERS OF SULPHUR. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.75; 100 lbs., \$4.50.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., \$1.00; gal., \$3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

KALOIL. Self-spreading, free-flowing pyrethrum spray; mixes freely with hard or soft water at all normal temperatures, without using soap, heating or extra handling; a contact insecticide which kills most insects such as aphids, plant lice, leaf hoppers, red mites, etc. Price, 1 ½ oz. can, 35c; 6 oz. can, \$1.00; 32 oz. can, \$3.50; gal., \$11.75.

LEMNON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Per qt. can, 45c; 1 gal., \$1.00; 5-gal. can, \$4.00. Write for prices in barrel lots.

NAPTOCIDE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; 50 lbs., \$6.00; 100 lbs., \$11.00.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, \$1.00; 5-lb. tin, \$3.35; 10-lb. tin, \$5.85.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ALL-ROUND SPRAY. A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. ¼ lb. cans, doz., \$3.00; 1-lb. cans, doz., \$6.00.

ANTROL READY FILLED SETS Consisting of 4 patented glass feeders. Per doz. sets, \$4.00. Retail at 50c set.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4 oz. bottle antrol syrup. Per doz. sets, \$6.00. Retail at 75c set.

APHIS SPRAY. A combination of Black Leaf 40 and Fish Oil Soap. Per doz. 3-oz. tubes, \$2.70. Retail at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.10 ea.; 2 lbs., \$3.10 ea.; 5 lbs., \$5.85 ea.; 10 lbs., \$10.15 ea.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, \$2.70. Retail at \$4.20.

KALITE. A non-poisonous insecticide for fruits, vegetables, and flowers. 1-lb. pkgs. with sifter tops, per doz., \$2.80. Retail at \$4.20.

NEW EVERGREEN ASSORTMENT for resale. Per carton of 24-oz. bottles and 2 6-oz. bottles, price, \$5.40. Retail at \$10.40. Pint, \$2.00; gal., \$10.00; 5 gals., \$45.00.

NICOTINE PYROX. 10-oz. tins, doz., \$4.20; 5 lbs., \$1.60; 3 for \$4.50.

PYROX. Combination insecticide and fungicide. 1-lb. jars, per doz., \$4.20; per case of 24 jars, \$7.80; 5 lb. cans, \$1.50; 10 lbs., \$2.40; 25 lbs., \$4.50; 100 lbs., \$12.50.

RATKISSES. Put up on easel card holding 12-25c pkgs., containing 12 ratkisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

RED ARROW Assortment for resale. Per carton of 24 oz. bottles and 2 ¼-pint bottles, price, \$5.40. Retail at \$10.40. Pint, \$2.75; qt., \$4.50; gal., \$15.00.

ROTECIDE. Standard rotenone spray. Oz. bottles, doz., \$2.70. Special deal of 24-oz. bottles and 2 8-oz. bottles, packed in attractive counter display box, \$5.40. Retail at \$10.40. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00.

SLUG SHOT. Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.95; 5-lb. pkgs., 6 for \$3.60; 125 lb. keg, \$12.00; 250 lbs. in bulk, \$24.00.

TREE TANGLEFOOT. 1-lb. cans, per doz., \$5.40; per case of 24, \$9.60; 5-lb. can, \$2.35, doz., \$22.00; 10 lbs., \$4.35 ea.; 25 lbs., \$11.00 ea.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.00; 4 lbs., \$5.75; 8 lbs., \$10.00.

"NICO-FUME," A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

NICOTROL. An activated nicotine spraying preparation made by combining nicotine and penetrol. Qt., \$1.25; gal., \$2.75; 5 gals., \$10.50.

NICOTINE. Fumigating powder. 10 lb. cans, each, \$5.85.

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; ½ pt., \$1.00; pt., \$1.75; 3 pts., \$5.00; original case 10 pts., \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.

PARIS GREEN. A poisonous insecticide in powder form; for insects which chew. ¼ lb., 20c; ½ lb., 35c; per lb., 55c; 5 lbs., \$2.50; 14 lbs., \$6.00.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

POMO GREEN. Without nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; 5 lbs., \$1.75; 25 lbs., \$8.00.

POMO GREEN. With nicotine. 1 lb., 75c; 5 lbs., \$3.00.

ROTECIDE DUST. The standard rotenone dust for killing insects in greenhouses, stables, dog kennels, and in the field. 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., \$1.50; 5 gals., \$5.25; 10 gals., \$9.25. Write for price in barrel lots.

SELOCIDE. Kills red spiders. Price, qt., \$1.00; gal., \$2.75; 5 gals., \$12.00.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli and disinfection of seed bed soil. Prices, 2 oz., 50c; 1 lb., \$2.50; 5 lbs., \$11.75; 25 lbs., \$46.25; 100 lbs., \$180.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SHEPS PLANT SPRAY. An effective non-poisonous solution that kills and controls both sucking and chewing insects. 2-oz. bottle, 35c; ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.35; 5 gals., \$30.00.

SNAROL. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1 ½ lb., 35c; 4 lbs., 85c; 15 lbs., \$3.00; 50 lbs., \$8.00.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.45; 50 lbs., \$2.25; 100 lbs., \$3.50.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., \$1.25; gal., \$4.80.

TOBACCO DUST. (Regular Grade.) 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$4.00.

TOBACCO STEMS. 100 lbs., \$2.50; 500 lbs., \$9.50; 1,000 lbs., \$18.00.

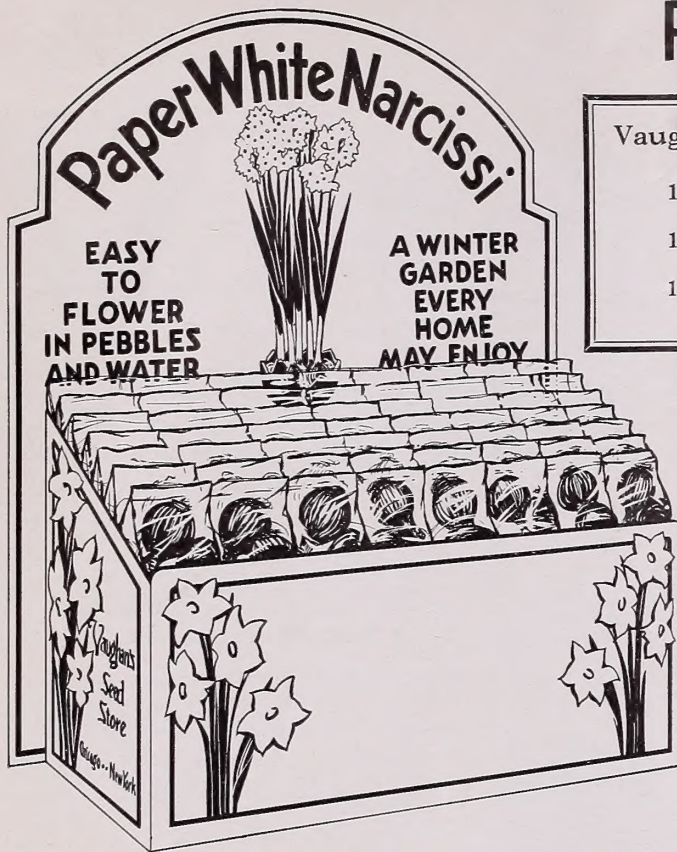
VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. ½ pt., 35c; pt., 55c; qt., 80c; gal., \$2.50; 5 gals., \$7.50.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphid, red spider, mildew, scale, etc. Price, ½ pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals. for \$12.00.

WONDER-GROWTH Insecticide, Fumigant and Fertilizer. A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens and shrubbery. 25 lbs., \$1.75; 100 lbs., \$4.75.

A Beautiful, Practical, New Paper White Display



Paper White Display Box, 10x20 inches holding 100 Cellophane Bags

Vaughan's Paper White Display Box as Illustrated,
together with

100 Cellophane Bags, each holding 4 bulbs, 13-14 ctm., (300 bulbs)	\$6.50
100 Cellophane Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	8.00
100 Cellophane Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	10.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in a cellophane bag which permits complete inspection, but prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides \$13 to \$20 sales at 100% profit. Why let chain stores get sales which should be yours?

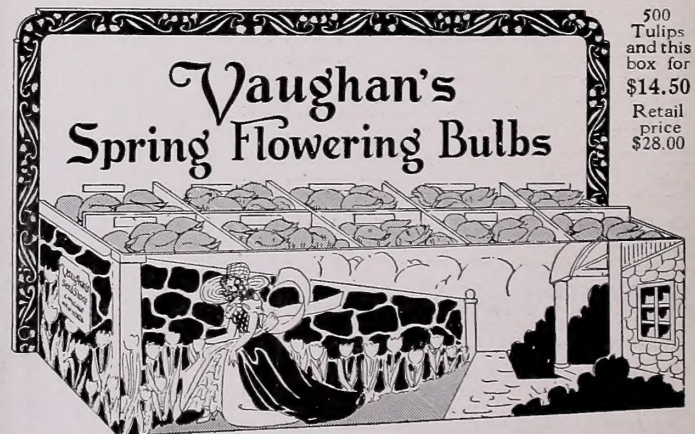
Double Your Money on Tulips Sold from This Attractive Display

MERCHANDISING of bulbs by local dealers is rapidly growing. This business belongs to the florist, who can supply expert advice to purchasers. Profits are large; there is no spoilage; and the business harmonizes with the florist line, an important point. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$14.50; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, \$24.00, f. o. b. Chicago or New York.

The varieties in this collection are the most popular: Bartigon, Princess Elizabeth, Farncombe Sanders, Inglescombe Yellow, Mad. Krelage, Bronze Queen, Bleu Aimable, Louis XIV, Philippe de Comines, Panorama. You retail them for 65 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for \$14.00 for 500 bulbs, 10 each of the same varieties, in bags of 50; or \$27.50 for 1,000 bulbs, 100 each of the same ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.



Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.